Historic, archived document

Do not assume content reflects current scientific knowledge, policies, or practices.

UNITED STATES
DEPARTMENT OF AGRICULTURE
LIBRARY

BOOK NUMBER 1.9
P69Lc
v.10,no.1-i.e.13,
Dec.27,1927-
June 23,1928

Reserve

319116

BOTANY
CURRENT LITERATURE

ADDITIONS TO THE BOTANICAL CATALOGUE, BUREAU OF PLANT INDUSTRY.
COMPILED FROM PUBLICATIONS RECEIVED IN THE
LIBRARY OF THE UNITED STATES DEPARTMENT OF AGRICULTURE, WASHINGTON, D. C.

LIBRARY
RECEIVED
★ JAN 20 1928 ★
U. S. Department of Agriculture

V.10, no. 1. Dec. 27-Ja.7, 1928
1927

Acta Horti. Petrop. (Leningrad)

Nekrasova, V.L.
... Saxifragaceae pars 3. Acta Hort. Petrop. 39: 219-237. 1927. no.2.
Russian.
No. I-II appear as Fedchenko's Flora Rossiae Asiaticae no.7, 11.

Roshevits, R.J.
Gramineae Asiae Rossicae IV. Acta Horti. Petrop. 39: 177-218. 1927. no.2.
Russian.
Nos I-III appear as Fedchenko's Flora Rossiae Asiaticae no.2, 6 & 12.

Actes Soc. Linn. Bordeaux.

Bouygues, H.
Les blessures des téguments et le gonflement des graines. Actes Soc. Linn. Bordeaux. 78(Proc.-Verb.): 67-71. 1926 (Rec'd D.1927)

Bouygues, H.
Sur le gonflement des grains de "Phaseolus vulgaris" (var.: soissons). Actes Soc. Linn. Bordeaux. 78(Proc.-Verb.): 72-77. 1926. (Rec'd D.1927)

Jeanjean, A.F.
Sur deux formes d'Anthyllis vulneraria L. ssp. A. communis Ry. Actes Soc. Linn. Bordeaux. 78 (Proc.-Verb.): 119-122. 1926 (Rec'd D.1927)
Var. versicolor, var. burdigalensis.

Lataste, F.
Notice sur la personne et les travaux de M. Henri Gadequ de Kerville. Actes Soc. Linn. Bordeaux. 78(Proc.-Verb.): 60-63. 1926 (Rec'd D. 1927)

Agr. Nouvelle, (Paris)

Jougan, E.
La protection des arbres fruitiers contre leurs ennemis a éte soigneusement etudiée au Congrès pomologique de Paris. Agr. Nouvelle. 37: 746-747. illus. D.24, 1927. no.1505.

562156
agri.-350-372
23 LIBRARY

Agr. Nouvelle (cont.)
Vercier, H.J.
Action des fumures azotées sur l'enroulement de lapomme de terre. Agr. Nouvelle. 37: 749-750. illus. D.24,1927. no. 1505.

Amer. For. & For. Life. (Wash., D.C.)
Fritz, E.
Redwood burls. Amer. For. & For. Life. 34: 10-11, 48. illus. Ja.1928. no.409.

Weeks, G.F.
The oldest cultivated trees in the world. Amer. For. & For. Life. 34: 7-9. illus. Ja.1928. no.409.
Cypresses of Chapultepec Park, Mexico City.

Amer. Journ.Bot.
Botanical society of America - Physiological section.
Abstracts of the papers presented... Nashville, Tennessee, December 28-30, 1927. Amer. Journ. Bot. 14: 621-634. D.1927.

Farr, C.H.
Studies on the growth of root hairs in solutions III. The effects of concentrations of $CaCl_2$ and $Ca(OH)_2$ Amer. Journ. Bot. 14: 553-564. D.1927. no.10.

Meyer, B.S.
The measurement of the rate of water-vapor loss from leaves under standard conditions. Amer. Journ. Bot. 14: 582-591. D.1927. no.10.

Hoyt, W.D.
The periodic fruiting of Dictyota and its relation to the environment. Amer. Journ. Bot. 14: 592-619. D.1927. no.10.

Sorokin, H.
Variation in homoeotypic division in Ranunculus acris. Amer. Journ. Bot. 14: 565-581. pl.lxix-lxx. D.1927. no.10.

Amer. Journ. Sci. (New Haven, Conn.)
Reger, D. B.
The Tygart valley Devonian trees of West Virginia. Amer. Journ. Sci. V, 15: 49-57. Ja.1928. no.85.

Ann. Sci. Agron. (Paris)
Gustave André (1856-1927). Ann. Sci. Agron. 44: 337-340. port. S./O. 1927. no.5.

Atti R. Accad. Lincei VI, Rend Cl. Sci. Fis. Mat. e Nat. (Rome)

Dragone, G.T.
Contributo allo studio della fluorescenza del clorocroma ai raggi ultravioletti. Atti R. Accad. Naz. Lincei VI, Rend. Cl. Sci. Fis., Mat. e Nat. 6: 179-182. S.1927. no.5/6.

Petri, L.
Ulteriori ricerche sull'applicazione dell' analisi fluoroscopica ai tessuti vegetali normali e patologici. Atti R. Accad. Naz. Lincei VI. Rend. Cl. Sci. Fis., Mat. e Nat. 6: 138-141. S.1927. no.5/6.

De Bergcultures (Batavia, Java)

Steinmann, A.
Over de Diplodia-wortelziekte van de thee. De Bergcultures. 2: 612-616. N.19, 1927. no.21.
Botrydiplodia theobromae.

Ber. Deut. Bot. Ges. (Berlin)

André, H.
Ueber künstliche entwicklungs-und tropistische verhaltungsänderungen bei Mimulus tilingii. Ber. Deut. Bot. Ges. 45: 540-554. illus. N.1927. no.8.

Gemeinhardt, K.
Beiträge zur kenntnis der diatomeen. (cont.) Ber. Deut. Bot. Ges. 45: 570-578. pl. xv. N.1927. no.8.

Heil, H.
Vergleichend-anatomische studien an samen von Chamaegigas und verwandten gattungen. Ber. Deut. Bot. Ges. 45: 551-561. pl. xiv. N.1927. no.8.
Chamaegigas trepidus, Limosella aquatica, Lindernia pyxadaria, Gratiola officinalis.

Knoll, F.
Ueber abendschwärmer und schwärmerblumen. Ber. Deut. Bot. Ges. 45: 510-518. illus. N.1927. no.8.

Pilger, R.
Ueber die blütenstände und ährchen der bambuseengattung Guadua Kunth. Ber. Deut. Bot. Ges. 45: 562-570. illus. N.1927. no.8.

Schmid, G.
Zur ökologie der luftalgen. Ber. Deut. Bot. Ges. 45: 518-533. pl. xiii. N.1927. no.8.

Ber. Deut. Bot. Ges. (cont.)

Weber, F.
Stomata-öffnungszustand, bestimmt mit cellophan. Ber. Deut. Bot. Ges. 45: 534-535. N.1927. no.8.

Wehmer, C.
Lignin und huminstoffe bei der pilzlichen holzzersetzung. Ber. Deut. Bot. Ges. 45:536-539. N. 1927. no.8.

Biol. Gen. (Vienna)

Linsbauer, K.
Die stecktafel, ein lehrmittel zur veranschaulichung der vererbungsregeln. Biol. Gen. 3: 459-462. illus. 1927. no.4.

Pfeiffer, H.
Zur reizphysiologischen analyse einiger pflanzlicher trennungsprozesse. Biol. Gen. 3: 419-428. 1927. no.4.

Werner, O.
Grenzentwicklungen sukkulenter pflanzen I- Biol. Gen 3:355-374. pl. xi. 1927. no.4.
I. Die entwick lungsmöglichkeit von wurzeln bei Sedum reflexum L. in trockener luft.

Blue Anchor (Sacramento, Cal.)

Flebut, A.J.
Dormant spraying of deciduous fruits. Blue Anchor. 4(12): 14-15, 53, 55. D.1927. no.12.

Bol. R. Soc. Espan. Hist. Nat. (Madrid)

González Fragoso, R.
Tres notas micológicas. Bol. R. Soc. Espan. Hist. Nat. 27: 346-358. O.1927. no.8.
I. Algunos hongos de los pirineos españoles recolectados por la Srta. Paunero. II. Hongos pirenaicos, y otros, del herbario del Museo de ciencias naturales de Barcelona. III. Algunos hongos de la provincia de Orense.

González Guerrero, P.
Contribución al conocimiento ficológico del Pirineo espanol. Bol. R. Soc. Espan. Hist. Nat. 27: 343-346. O.1927. no.8.

Bol. Union Panamer. (Wash., D.C.)

Barrett, O.W. & Young, R. A.
Las aráceas económicas. Bol. Union Panamer. 1927: 1259-1271. illus. D.1927.
Dasheen, taro, yautia.

Bot. Gaz. (Chicago)

Hopkins, E.F. & Wann, F.B.
Iron requirement for Chlorella. Bot. Gaz. 84: 407-427. D.1927. no.4.

Roscoe, M.V.
Cytological studies in the genus Typha. Bot. Gaz. 84: 392-406. illus., pl. xi-xii. D.1927. no.4.

Rübel, E.
Ecology, plant geography, and geobotany; their history and aim. Bot. Gaz. 84: 428-439. D. 1927. no.4.

Schaffner, J.H.
Control of sex reversal in the tassel of Indian corn. Bot. Gaz. 84: 440-449. illus. D.1927. no.4.

Skutch, A.F.
Anatomy of leaf of banana, Musa sapientum L. var. hort. Gros Michel. Bot. Gaz. 84: 337-391. illus. D.1927. no.4.

Botaniste (Paris)

Dangeard, P.A.
Recherches sur l'assimilation chlorophyllienne et les questions qui s'y rattachent. Botaniste. 19: 1-422. illus., 10 pl. D.1927. no.1/6.

Bull. Dept. Agr. Gov't Res. Inst. Formosa, Japan.

Government research institute, Formosa, Japan - Department of agriculture.
Experiments on maturity of sugar cane varieties at various localities in Formosa. Its Bull. 52. 77 p. S.1927.
Text in Japanese.

Bull. Misc. Inform. Kew. (London)

Dandy, J.E.
The identity of Talauma villariana. Bull. Misc. Inform. Kew. 1927: 419-420. no.10.
Based by Rolfe on specimen of what was later identified as T. angatensis, of which T.villariana must be considered a synonym; T.mutabilis which was treated as synonym of T.villariana must be referred to T.gitingensis Elmer.

Bull. Misc. Inform. Kew. (cont.)

Benjamin Daydon Jackson. Bull. Misc. Inform. Kew 1927: 421-423. no. 10.

Green, M.L.
History of plant nomenclature. Bull. Misc. Inform. Kew. 1927: 403-415. no.10.

Summerhayes, V.S.
African orchids I- Bull. Misc. Inform. Kew. 1927: 415-419. no.10.

Bull. Nat. Hist. Surv. Illinois.

Eddy, S.
The plankton of Lake Michigan. Bull. Nat. Hist. Surv. Illinois. 17: 203-232. N.1927. no.4.

Tehon, L.R.
Epidemic diseases of grain crops in Illinois, 1922-1926. The measurement of their prevalence and destructiveness and an interpretation of weather relations based on wheat leaf rust data. Bull. Nat. Hist. Surv. Illinois. 17: 1-96. maps. O.1927. no.1.

Bull. Soc. Chim. Biol. (Paris)

Hérissey, H.
Essais d'utilisation par l'Aspergillus niger V. Tgh. du géoside (géïne), glucoside générateur d'eugénol contenu dans la racine de Geum urbanum L. Bull. Soc. Chim. Biol. 9: 943-946. N.1927. no.9.

Hérissey, H. & Boivin, R.
Sur la préparation du sinigroside (myronate de potasse, sinigrine). Bull. Soc. Chim. Biol. 9: 947-949. N.1927. no.9.
From seeds of Brassic nigra.

Bull. U.S. Golf Assoc. Green Sect. (Wash., D.C.)

Murray, C.M.
Chemical weed eradication. Bull. U.S. Golf Assoc. Green Sect. 7: 226-227. D.1927. no.12.

Centralbl. Bakt. Abt. II (Jena)

Böning, K.
Die kalifornische blattrollkrankheit der rübe (curly-top). Centralbl. Bakt. Abt.II. 72: 379-398. N.1927. no.15/24.

Estor, W.
Quantitative untersuchungen über die beziehungen zwischen dem wachstum von bakterien und pilzen und der konzentration einiger neutralsalze. Centralbl. Bakt. Abt.II. 72: 411-443. N.1927. no.15/24.

Compt. Rend. Acad. Sci. Paris.

Bach, D.
La nutrition azotée des mucorinées. Assimilation de l'azote uréique. Compt. Rend. Acad. Sci. Paris. 185: 1309-1310. D.5, 1927. no.23.

Bridel, M. & Desmarest, M.
Sur un procédé permettant d'extraire, du tourteau d'amande amère, l'amygdaloside (amygdaline) et l'émulsine. Compt. Rend. Acad. Sci. Paris. 185: 1514-1515. D.19, 1927. no.25.

Carrière, E. & Brunet.
Contribution à l'étude de l'huile de pépins de raisin. Compt. Rend. Acad. Sci. Paris. 185: 1516-1518. D.19, 1927. no.25.

Daniel, L.
Variations de l'appareil sécréteur chez diverses plantes greffées. Compt. Rend. Acad. Sci. Paris. 185: 1296-1298. D.5, 1927. no.23.

Dostal, R.
Observations morphogéniques sur le Caulerpa prolifera de la baie de Villefranche-sur-Mer. Compt. Rend. Acad. Sci. Paris. 185: 1298-1299. D.5, 1927. no.23.

Guilliermond, A.
Sur la cytologie des Nematospora. Compt. Rend. Acad. Sci. Paris. 185: 1510-1512. D.19, 1927. no.25.

Maige, A.
Observations sur les phénomènes de chloroplastogénèse et de régression plastidale dans les cotylédons de diverses légumineuses. Compt. Rend. Acad. Sci. Paris. 185: 1508-1510. D.19, 1927. no.25.

Mascré, M.
Action de quelques fixateurs sur le noyau de la cellule végétale. Compt. Rend. Acad. Sci. Paris. 185: 1505-1507. D.19, 1927. no.25.

Puymaly, A.de.
Sur un Spirogyra fixé, pérennant, se multipliant par marcottage. Compt. Rend. Acad. Sci. Paris. 185: 1512-1514. D.19, 1927. no.25.

Country Gentleman (Philadelphia)

McFarland, J.H.
Dependable roses, a list for all America. Country Gentleman. 93(1): 8, 116-117. illus. Ja.1928.

Country Life. (London)

Cox, E.H.M.

Riviera gardens, The Villa Fiorentina. Country Life. 62: 912-915. illus. D.17, 1927. no.1613.

Waterer, F.G.

Hollies for Christmas. Country Life. 62 (Suppl.) xxxvi, xxxviii. illus. D.24, 1927. no.1614.

Country Life. (Amer.) Garden City, N.Y.)

McCully, Anderson.

Campanulas in the rock garden. Country Life. Amer. 53(3): 72, 74, 76, illus. Ja.1928.

Deut. Landw. Presse. (Berlin)

Haase,

Die süsskirschenerkrankung in Oberbaden (Gnominia erythrostoma). Deut. Landw. Presse. 54: 703. illus. D.10, 1927. no.50.

Reckert, F.

Der Fusarium- und schwärzebefall der diesjährigen getreideähren in seiner bedeutung für die nächstjährige ernte. Deut. Landw. Presse. 54: 704-705. D.10, 1927. no.50.

Facts about Sugar (N.Y.)

Pack, D.A.

Specific gravity selection of sugar beets. Its development and present status - Methods of determining specific gravity - The salt bath test. Facts about Sugar. 22: 1281-1282. illus. D.31,1927. no.53.

Florida Grow. (Tampa)

Wilson, W. L.

Developing the Satsuma in northwest Florida. Florida Grow. 35(19): 19. illus. D.1927.

Flor. Exch. (N.Y.)

Bowers, C.G.

Hybrid seedlings versus grafted plants. A valuable, authoritative discussion of rhododendrons. Flor. Exch. 66: 1445, 1454. illus. D.24,1927. no.17.

Flor. Rev. (Chicago)

Guba, E.F.

Leaf-spot and blight. On carnations. Flor.Rev. 61(1569): 31. D.22, 1927.

Alternaria dianthi.

Flow. Grow. (Calcium, N.Y.)

Massey, A.B.

Are nut trees poisonous to other trees and plants? Flow. Grow. 15: 4. illus. Ja. 1928. no.1.

Forstarch. Zeitschr. Wissenschaftl. u. Techn. in Forstwirtsch. (Hannover)

Falck, R.

Tannensterben in der Eifel. Forstarch. Zeitschr. Wissenschaftl. u. Technisch. Forstwirtsch. 3: 397-409. illus. D.1, 1927. no.23.

Der befall durch die rindenpilze (Dasyscypha calyciformis, Aleurodiscus amorphus (Corticium amorphum) - Der russtaubefall (Apiosporium pitophilum) - Die kettenkrankheit der weisstanne (Physiologische disposition)

Forstw. Centralbl. (Berlin)

Wiedemann, E.

Untersuchungen über das tannensterben (concl.) Forstw. Centralbl. 49: 845-853. D.1, 1927. no.23.

Gard. & Home Builder. (Garden City, N.Y.)

Main, M.E.

A native bulb for woodland or rockery. Exceptional appeal of the Erythronium. Garden & Home Builder. 46: 419. illus. Ja.1928. no.5.

Pring, G.D.

Cactus as a hobby plant. Garden & Home Builder. 46: 438, 471, 477. illus. Ja.1928. no.5.

Gard. Chron. (London)

Brown, N.E.

Mesembryanthemum (cont.) Glottiphyllum Haw. Gard. Chron. III, 82: 470-471, 489-490. D.10, 17, 1927. no.2137, 2138.

Friend, H.

Ideal gardens and plant lore (cont.) The garden of the Madonna. Gard. Chron. III, 82: 490-491. D.17, 1927. no.2138.

Grove, A

Nomocharis. Gard. Chron. III, 82:466. illus. D. 10, 1927. no.2137.

Ward, F.K.

Mr. F. Kingdon Ward's ninth expedition in Asia. XXI. The Alpine harvest. Gard. Chron. III, 82: 486-487. illus. D.17, 1927. no.2138.

V.10, no.1, p.10.

Gartn.-Tid. (København)
Hove, K.M.
Bekaempelse af kaalbrok med kemiske midler. Gartn.-Tid. 43: 643-644. D.20, 1927. no.51.

Genetics. (Menasha, Wisc.)
Lesley, J.W.
A cytological and genetical study of progenies of triploid tomatoes. Genetics. 13: 1-43. illus. Ja.1928. no.1.

Owen, F.V.
Inheritance studies in soybeans III Seed-coat color and summary of all other Mendelian characters thus far reported. Genetics. 12: 50-79. Ja. 1928. no.1.

Giorn. Risicolt. (Vercelli)
Chiapelli, R.
Nuova varieta di riso, "Roncarolo". Giorn. Risicolt. 17: 172-173. illus. N.30, 1927. no. 11.

House & Gard. (Greenwich, Conn.)
Stow-Fithian, A.
The current popularity of cactus as shown in a Montecito garden. House & Gard. 53(1): 100-101, 146,148. illus. Ja.1928.

Wilder, L.B.
Winter notes for all-year gardeners. Christmas roses and such. House & Garden. 53(1): 98-99, 140,142. illus. Ja. 1928.
Helleborus sp. and other ornamentals for winter.

Wilson, E.H.
The arboretum in North America. House & Garden. 53(1): 102-103, 120,136,138. illus. Ja.1928.

Indian For. (Dehra Dun)
Parker, R.N.
The Himalayan silver firs and spruces. Indian For. 53: 683-693. D.1927. no.12.

Indische Culturen (Soerobaja)
Fairweather, E. B.
Van bladziekte herstelde rubberboomen. Indische Culturen. 12: 966-969. N.15, 1927. no.22.
South American leaf diseases.

Industr. & Engin. Chem. (Easton, Pa.)
Curtin, L.P. & Thordarson, W.
Experiments in wood preservation VI. Recent laboratory work. Industr. & Engin. Chem. 20: 28-30. Ja.1928. no.1.

Lee, H.A. & Martin, J.P.
More effective dust fungicides by the use of oxidizing agents with sulfur. Industr. & Engin. Chem. 20: 23-28. Ja.1928. no.1.
For the control of Helminthosporium disease of sugar cane.

Intern. Rev. Agr. (Rome)
Staner, P.
Belgian Congo: new or particularly interesting diseases. Intern. Rev. Sci. Agr. n.s., 18: 501T-502T. S.1927 (Rec'd Ja.1928) no.8.

Iowa State Coll. Journ. Sci, (Ames, Ia.)
Lindstrom, E. W. & Gerhardt, F.
Inheritance of chemical characters in maize. Iowa State Coll. Journ. Sci, 2: 9-18. O.1927. no.1.

Journ. Agr.Prat. (Paris)
Hitier, H.
Le jubilé du Professeur docteur Jules Stoklasa. Journ. Agr. Prat. n.s., 48: 456-457. D.3, 1927. no.49.

Journ. Amer. Soc. Agron. (Geneva, N.Y.)
Stephens, F.E.
Inheritance of earliness in certain varieties of spring wheat. Journ. Amer. Soc. Agron. 19: 1060-1090. D.1927. no.12.

Journ. Bombay Nat.Hist. Soc.
Blatter, E.
Revision of the flora of the Bombay Presidency. (cont.) Journ. Bombay Nat. Hist. Soc. 32: 281-298. O.1927. no.2.

Blatter, E. & McCann, C.
Two new species of grasses from Panchgani. (Satara district) Journ. Bombay Nat. Hist. Soc. 32: 357-358. pl. i-ii. O.1927. no.2.
Dichanthium panchganiense, D.McCannii, spec.nov.

V. 10, no.1, p.12.

Journ. Bot. (London)

Bennett, A.
Carex dioica L. forma isogyna Kukenthal. Journ. Bot. 65: 351. D.1927. no.780.

Brown, N.E.
Two new Mesembryanthemeae. Journ. Bot. 65: 348-349. D.1927. no.780.
Imitaria muirii, Faucaria albidens.

Exell, A.W.
An enumeration of the species of Polygala in Angola. Journ. Bot. 65: 339-347. D.1927. no.780.
Polygala pearsonii, P. laxifolia, sp.nov.

Godfery, M.J.
The fertilizations of Ophyrs fusca Link. Journ. Bot. 65: 350-351. D.1927. no. 780.

Good, R.D'O
Notes on the shrubby species of Hypericum of tropical Africa, Madagascar, and the Mascarenes. Journ. Bot. 65: 329-335. pl.582. D.1927. no.780.
Hypericum socotranum, sp.nov.

Groves, J. & Allen, G.O.
On some Indian charophyta Journ. Bot. 65: 335-339. D.1927. no.780.
Nitella flagellifera, N. patula, n.sp.

Pugsley, H.W.
Primula-hybrids. Journ. Bot. 65: 351. D. 1927. no.780.

Sherrin, W.R.
New records for Sphagna in Scotland. Journ. Bot. 65: 352. D.1927. no.780.

Journ. Landw. (Berlin)

Steche, T.
Die bestimmung des chlorophylls nach Willstätter in landwirtschaftschemischen massenuntersuchungen. Journ. Landw. : 75: 211-214. D.1927. no.3.

Journ. Min. Agr. Gt. Brit. (London)

Briton-Jones, H.R.
The correct time for application of spray fluids. Journ. Min. Agr. Gt.Brit. 34: 814-817. plates. D. 1927. no.9.

Journ. N.Y. Bot. Gard.

Meier, F. C.
The campaign against diseases of our food plants. Journ. N.Y. Bot. Gard. 28: 297-302. D.1927. no.336.

Stout, A. B.
Why we fail with garden lilies. Journ. N.Y. Bot. Gard. 28: 285-296. illus. D.1927. no.336.

Journ. Washington Acad. Sci.

Berry, E. W.
Weichselia from the lower Cretaceous of Texas. Journ. Washington Acad. Sci. 18: 1-5. illus. Ja.4, 1928. no. 1.

Lewton, F.L.
Shantzia, a new genus of Agrican shrubs related to Gossypium. Journ. Washington Acad. Sci. 18: 10-16. illus. Ja.4, 1928. no.1.

Standley, P.C.
Notes on Central American Rubiaceae. Journ. Washington Acad. Sci. 18: 5-10. Ja.4, 1928. no.1.
Psychotia wendlandiana, sp.nov.

Lingnaam Agr. Rev. (Canton, China)

Hoffmann, W.E.
Charles Fuller Baker. Lingnaam Agr. Rev. 4: 197-202. port. Jl.1927. no.2.

McClure, F.A.
Further note on persimmons in Kwangtung. Lingnaam Agr. Rev. 4: 189. Jl.1927. no.2.

Merrill, E.D.
Unrecorded plants for Kwangtung Province. Lingnaam Agr. Rev. 4: 119-136. Jl.1927. no.2.

Medl. Seksl. Havedyrkn. Venner Norway (Oslo)

Bremer, A.H.
Eit grunnprinsipp ved økonomisk leggjing og drift av elektriske benker for uppaling av grønsakvokstrar og blomeplantar som skal plantast ut pa aker, over i sumarhus, eller i sumarbenker. Medl. Seksl. Havedrykn. Venner Norway. 5: 97-107. 1927. no.4.

Mem. & Rev. Soc. Cient. Ant. Alz.

Inda, J.R.
Plaga y enfermedades del garbanzo. Mem. y Rev.Soc. Cient.Ant.Alz. 47: 43-53. Ja./Ap.1927. no.1/4.
Cicer arietinum.
Blanco (Erysiphe communis); rolla (Uromyces pisi): antracnosis (Ascochyta pisi)

Mem. Dept. Agr. India. Bact. Ser.

Ayyar, C.S.R.
A bacterial soft rot of garden poppy. Mem. Dept. Agr. India Bact. Ser. 2: 29.-33. pl. i-iii. (part col.) Ag.1927. no.2.
Bacillus papaveris suggested for name of organism.

Missouri Bot. Gard. Bull. (St. Louis)

Constantine Rafinesque. Missouri Bot. Gard. Bull. 15: 164-171. D.1927. no.10.

Mitt. Biol. Reichanst. Forst. u. Landw. (Berlin)

Snell, K.
Die lichtkeimprüfung zur bestimmung der sortenechtheit von kartoffeln. Mitt. Biol. Reichsanst. Land. u. Forstw. 34. 32 p. col. pl. O.1927.

Möller's Deut. Gärtn.-Zeit. (Erfürt)

Fric, A.V.
Der pflanzenjäger XI. Etwas über die "weichen" Echinopsis. Möllers Deut. Gärtn.-Zeit. 42: 426-427. illus. D.11, 1927. no.35.

Month. Bull. Dept. Agr. Calif. (Sacramento)

Scott, C. E.
The control of the common bulb diseases. Month. Bull. Dept. Agr. Calif. 16: 553-562. illus. N. 1927. no. 11.

Mycologia.

Arthur, J.C.
Notes on Arctic Uredinales. Mycologia. 20: 41-43. Ja./F. 1928. no.1.

Ciferri, R.
A new genus of the subfamily Nitschkieae. Mycologia. 20: 29-30. illus. Ja./F.1928. no.1.
Fitzpatrickia massae, n.sp.

Dodge, B.O.
Spore formation in asci with fewer than eight spores. Mycologia. 20: 18-21. Ja./F.1928. no. 1.

Gilbert, F.A.
Myxomycetes from British Guiana and Suriname. Mycologia. 20: 27-28. Ja./F.1928. no.1.

Moss. E.H.
The uredinia of Cronartium comandrae and Melampsora medusae. Mycologia. 20: 36-40. Ja./F.1928. no. 1.

Mycologia. (cont.)

Paintin, R.D.
Notes on the parasitology of Sclerotium rolfsii. Mycologia. 20: 22-26. illus., pl.3-4. Ja./F. 1928. no.1.

Poole, R.F.
The fruiting of Collybia dryophila in pure culture. Mycologia. 20: 31-35. pl.5-6. Ja./F.1928. no.1.

Thurston, H. W.
An interesting fern rust new to the United States. Mycologia. 20: 44-45. Ja./F.1928. no.1.
Uredinopsis polypodophila.

Wilcox, M. S.
The sexuality and arrangement of the spores in the ascus of Neurospora sitophila. Mycologia. 20: 3-17. illus., pl. 2. Ja./F. 1928. no.1.

Wylie, R. B.
Bruce Fink, lichenologist. Mycologia. 20: 1-2. port. Ja./F. 1928. no.1.

Nat. Hort. Mag. (Wash., D.C.)

Hutton, L.D.
Barberry species that spread stem rust. Nat. Hort. Mag. 7: 5-8. illus. Ja.1928. no. 1.

Powell, E.C.
Grapes. Nat. Hort. Mag. 7: 24-26. Ja. 1928. no. 1.

Traub, H.
Economic factors in the development of American horticulture. Nat. Hort. Mag. 7: 12-19. Ja. 1928. no.1.

Naturwissenschaften. (Berlin)

Steinbrinck, C.
Zum feinbau und zur physik natürlicher zellulosefasern. Naturwissenschaften. 15: 978-981. illus. D.16, 1927. no.50.

New Phytol. (London)

Bennett, J.P., Anderssen, F.G. & Milad, Y.
Methods of obtaining tracheal sap from woody plants. New Phytol. 26: 316-323. D.1927. no.5.

New Phytol. (cont.)

Bews, J. W.
Studies in the ecological evolution of the angiosperms. (concl.) New Phytol. 26: 273-294. D.1927. no.5.

Godwin, H. & Bishop, L.R.
The behaviour of the cyanogenetic glucosides of cherry laurel during starvation. New Phtyol. 26: 295-315. D.1927. no.5.
Prunus laurocerasus.

Knudson, L.
Symbiosis and asymbiosis relative to orchids. New Phytol. 26: 328-336. D.1927. no.5.

Silvester, W.A.
Synthetic dyestuffs as microscopical stains. New Phytol. 26: 324-327. D.1927. no.5.

New Zeal. Journ. Agr. (Wellington)

Woodfin, J.C.
Control of vine diseases and pests occurring in New Zealand. New Zeal. Journ. Agr. 35: 298-309. illus. N.1927. no.5.

Nuovi Ann. Agr. Min. Econ. Naz. Italy.

Petri, L.
La terapia interna nella patologia vegetale. Nuovi Ann. Agr. Min. Econ. Naz. Italy. 7: 347-358. S.1927. no.3.

Obst- u. Gemüseb. (Berlin)

Steup, E.
Die rutenkrankheit der himbeere in Dänemark und ihre bekämpfung. Obst. - u. Gemuseb. 73: 377-378. D. 1, 1927. no.24.
Didymella applanata.
Refers to A. Weber's article in Haven, v.27, p.138.

Parasitology (London)

Keilin, D.
On Coelomomyces stegomyiae and Zografia notonectae, fungi parasitic in insects. Parasitology. 119: 365-367. D.1927. no.4.

Pflanzenbau (Berlin)

Schlumberger, O.
Die beurteilung der kartoffelkrankheiten bei der anerkennung. Pflanzenbau. 4: 170-174. D.1, 1927. no. 11.

Philipp. Agr. Rev. (Manila)

Asuncion, S. & Labrador, A.
A study of the flowering habits and flower characteristics of different sugar cane varieties at La Carlota sugar cane experiment station. Philipp. Agr. Rev. 20: 229-241. 1927. no.2.

Clara, F.M.
Anthracnose disease of mango in the Philippines. Philipp. Agr. Rev. 20: 271-273. 1927. no.2.

Labrador, A.
A case of teratological twinning in sugar cane. Philipp. Agr. Rev. 20: 289. illus. 1927. no.2.

Padolina, F.
The caimito. Philipp. Agr. Rev. 20:267-269. 1927. no.2.
Chrysophyllum cainito.

Reyes, G.M.
The mosaic disease of sugar cane. Philipp. Agr. Rev. 20: 187-228. pl. xvi-xx. 1927. no.2.

Torres, J.P.
Some experience in rice hybridization. Philipp. Agr. Rev. 20: 261-264. 1927. no.2.

Poona Agr. Coll. Mag. (Poona City)

Deshpande, V. G.
Dr. Harold Hart Mann. Poona Agr. Coll. Mag. 19: 159-161. port. D.1927. no.3.

Gokarn, M.R.
Note on "soap-nut" tree. Poona Agr. Coll. Mag. 19: 132-137. D.1927. no.3.
Reeta, Sapindus trifoliatus.

Sayad, I.A.
The effect of climate on the growth of plants using all ecological observations in nature. Poona Agr. Coll. Mag. 19: 146-152. D.1927. no.3.

Prakt. Ratg. Obst.-u. Gartenb. (Frankfurt a.d.O.)

Reiners, K.
Petersilienkrankheit und düngerwirkung. Prakt. Ratg.Obst.- u. Gartenb. 42: 427-428. illus. D.11, 1927. no.50.
Reversion of currants.

Proc. U.S. Nat. Mus.
Berry, E.W.
The flora of the Esmeralda formation in western Nevada. Proc. U.S. Nat. Mus. 72: 1-15. pl. i-ii. 1927. no.23.

Progr. Agr. & Vitic. (Montpellier)
Soursac, L.
Observations sur le court-noué de la vigne. Progr. Agr. et Vitic, 88: 573-575. D.11,1927. no.50.

Rec. Trav. Bot. Néerl. (Amsterdam)
Beijer, J.J.
Die vermehrung der radialen reihen im cambium. Rec. Trav. Bot. Néerl. 24: 631-786. illus., pl. 1927. no.4.

Steenis, C.G.G.J.van.
Malayan Bignoniaceae, their taxonomy, origin and geographical distribution. Rec. Trav. Bot. Néerl. 24: 787-1049. illus. 1927. no.4.

Rev. Agr. Ile Maurice (Maurice)
Tempany, H.
Seedling canes in Mauritius. Rev. Agr. Ile Maurice. 35: 274-289. S./O.1927.

Rev. Bot. Appl. (Paris)
Chevalier, A.
Note sur l'Erica arborea et sur l'emploi de ses souches dans la fabrication des pipes (concl.) Rev. Bot. Appl. 7: 739-752. pl. xv-xxii. N. 1927. no.75.

François, E.
La production des fruits à Madagascar. Rev. Bot. Appl. 7: 713-724. N.1927. no.75.

Miège, E.
Caractères distinctifs des Acacias mollissima et normalis. Rev. Bot. Appl. 7: 735-738. pl. xxix-xxx. N.1927. no.75.

Rev. Facul. Agron. & Vet. Univ. Buenos Aires.
Parodi, L.R.
Revisión de las gramineas argentinas del género Diplachne. Rev. Facul. Agron. y Vet. Univ. Buenos Aires. 6: 21-43. illus. O.1927. no.1.

Rev. Gén. Bot. (Paris)
Davy de Virville, A.
L'action du milieu sur les mosses (cont.) Rev. Gén. Bot. 39: 767-783. illus. D.1927. no.468.

Rev. Gén. Bot. (cont.)

Guilliermond, A. & Mangenot, G.
Revue générale des travaux de cytologie parus de 1910 a 1925 (concl.). Rev. Gén. Bot. 39: 784-804. D.1927. no.468.

Lubimenko, V.
Les pigments des plastes et leur transformation dans les tissus vivants de la plante. (cont.) Rev. Gén. Bot. 39: 758-766. illus. D.1927. no.468.

Malcuit, G.
La végétation du Vallon du Denacre près de Boulogne-Sur-Mer. Rev. Gén. Bot. 39: 741-757. D.1927. no.468.

Rev. Hort. (Paris)

Lesourd, F.
Les plus gros arbres de France I (cont.) Feuillus. Rev. Hort. 99: 646-647. illus. D.16, 1927. no.24.

Lhoste, L.
Anomalie dans la floraison de l'Agave salmiana. Rev. Hort. 99: 635. illus. D.16, 1927. no.24.

Meunissier, A.
Un nouveau jasmin hybride rustique, le Jasminum stephanense. Rev. Hort. 99: 643-645. illus., col. pl. D.16, 1927. no.24.

Rev. Industr. y Agr. Tucumán (Buenos Aires)

Cross, E.W.
Estudios con variedades de canas importadas. Rev.Indust. y Agr. Tucumán. 17: 235-258. Ap./My. 1927. no.11/12.

Fawcett, G.L.
Las manchas blancas de las hojas de la caña. Rev. Indust. y Agr. Tucumán. 17: 259-261. illus. Ap./My. 1927. no.11/12.

Science. (Lancaster, Pa.)

Cooper, H.P. & Wilson, J.K.
Correlation between electro-motive series and oxidation potentials and plant and animal nutrition. Science. 66: 629-631. D.23,1927. no.1721.

Science. (cont.)

Doran, W.L.
Relation of the adjustment of soil reaction to black root-rot of tobacco. Science. 66: 661-662. D.30, 1927. no.1722.

Klotz, L.J.
Inhibition of enzymatic action as a possible factor in the resistance of plants to disease. Science 66: 631-632. D.23, 1927. no.1721.

Miller, A.M.
Origin of the prairie. Science. 66: 655-656. D.30, 1927. no.1722.

Scient. Month. (Lancaster,Pa.)

Willaman, J.J.
The race for sweetness. Scient. Month. 26: 76-86. illus. Ja. 1928. no.1.

Ziegler, G.M.
Agricultural observations of Bernard Palissy, the Huguenot potter. Scient. Month. 26: 29-33. port. Ja.1928. no.1

Sver. Utsädesför. Tidskr. (Svålof)

Akerman, A.
Svalöfs Orionhavre II (01104). Ny svarthavre-sort av Oriontyp. Sver. Utsädesför. Tidskr. 37: 199-209. illus. 1927. no.4.

Tedin, O.
Växtsjukdomarna i Förenta Staternas jordbruk. Sver. Utsädesför. Tidskr. 37: 218-238. 1927. no.4.
cont.

Terre Vaud. (Lausanne)

Faes, H. & Stahelin, M.
La lutte contre les parasites, insectes et champignons de la vigne en 1925 et 1926. Terre Vaud. 19:816-818, 832-834. D.17,24, 1927. no.51-52.

Tidsskr. Landøkonomi.

Weis, Fr.
Professor Wilhelm Johannsen. Tidsskr. Landokon. 1927: 584-588. port. no.12.
Født 3. Februar 1857 - Død 11. November 1927.

Trans. & Proc. New Zeal. Inst. (Wellington, N.Z.)

Cunningham, G.H.
The Polyporaceae of New Zealand. Trans. & Proc. New Zeal. Inst. 58: 202-250. pl.25-31. N.1927. no.3.

Laing, R.M.
The external distribution of the New Zealand marine algae and notes on some algological problems. Trans. & Proc. New Zeal. Inst. 58: 189-201. N.1927. no.3.

Wall, A.
New plant localities. Trans. & Proc. New Zeal. Inst. 58: 251-254. N.1927. no.3.

Wilson, J.H.
Some crevice plants from the lava field at Mt. Wellington. Trans. & Proc. New Zeal. Inst. 58: 255-263. illus., pl.32-33. N.1927. no.3.

Trudy Ak-Kavaksk. Opytno-Orosit. Stan. (Trans. Exp. Irrig. Stat. Ak-Kavak)

Baranov, P. & Ivanova-Paroiskaja, M.
... Cleistogamy of Middle Asiatic varieties of grape. Trudy Ak-Kavaksk. Opytno-Orosit. Stan. (Trans. Exp. Irrig. Stat. Ak-Kavak) 4: 79-94. illus. 1927.
Russian with English summary.

Baranov, P.
... The true female flower of the grape. Trudy Ak-Kavaksk. Opytno-Orosit Stan.(Trans. Exp. Irrig. Stat. Ak-Kavak). 4: 119-137. illus., 2 pl. 1927.
A morphological and embryological study.
Russian with English summary.

Baranov, P.
... "Wild" grape of Middle Asia I. Trudy Ak-Kavaksk. Opytno-Orosit. Stan. (Trans. Exp. Irrig. Stat. Ak-Kavak) 4: 1-78. illus., 2 pl. 1927.
I. Western Tian-Shan.
Russian with English summary.

Tupikov, M.
... Contribution to the knowledge of the grape flower. Trudy Ak-Kavaksk. Opytno-Orosit. Stan. (Trans. Exp. Irrig. Stat. Ak-Kavak) 4: 95-118. illus., pl. 1927.
Russian with English summary.

Trudy Sil's'ko-Gospod. Bot. (Journ. Agr.Bot. Kharkiv)

Aksentiev, B.
... Influence of light on the germination of weed seed. Trudy Sil's'ko-Gospod. Bot. (Journ. Agr. Bot. Kharkiv) 1: 104-125. 1927. no.2.
Ukrainian with English summary.

Ianata, O.
... Weeds of Ukraine, study and eradication. Trudy Sil's'ko-Gospod. Bot. (Journ. Agr. Bot. Kharkiv): 1: 3-16. 1927. no.2.
Ukrainian with English summary.

Kotov, M.
... The geographical survey of the flora on the territory of the Ukrainian railways. Trudy Sil's'-ko-Gospod. Bot.(Journ. Agr.Bot. Kharkiv) 1: 133-146. 1927. no.2.
Ukrainian with English summary.

Kuz'menko, A.
... Fagopyrum tataricumGärtn., its characteristics and geographical distribution in Ukraina) Trudy Sil's'-ko-Gospod. Bot. (Journ. Agr. Bot. Kharkiv) 1: 88-97. illus. 1927. no.2.
Ukrainian with English summary.

Kuz'menko, A.
... Eine interessante biologische eigenheit der disteln (Cirsium arvense Scop. Trudy Sil's'ko-Gospod. Bot. (Journ. Agr. Bot. Kharkiv) 1: 101-103. 1927. no.2.
Ukrainian with German summary.

Marchenko, M.
... "Manna" Amaranthus caudatus. Trudy Sil's'-ko-Gospod. Bot. (Journ. Agr. Bot. Kharkiv) 1: 98-100. 1927. no.2.
Ukrainian with English summary.

Neichenko, G.
... Distribution of weeds in Ukrainia. Trudy Sil's'ko-Gospod. Bot. (Journ. Agr.Bot. Kharkiv.) 1: 147-176. 1927. no.2.
Ukrainian with English summary.

Tsilok, V.
... On the struggle against weeds in the triennial rotation of crops. Trudy Sil's'ko-Gospod. Bot. (Journ. Agr.Bot. Kharkiv) 1: 17-34. tabs. 1927. no.2.
Ukrainian with English summary.

Trudy Sil's'ko-Gospod. Bot. (Journ. Agr. Bot. Kharkiv) (cont.)
Vysotsky, G.
... Ueber einige wurzelsprossen erneuerung's und verwachsen's formen. Trudy Sil's'ko-Gospod. Bot. (Journ. Agr. Bot. Kharkiv) 1: 69-88. illus. 1927. no.2.
Ukrainian with German summary.

Unge Gartn.
Lange, A.
Professor Wilhelm Johannsen. Født 3. Februar 1857, død 11. November 1927. Unge Gartn. 3: 188-189. D. 1927. no.12.

U.S. Dept. Agr. Techn. Bull.
Griffiths, D. & Orpet, E.O.
The production of hybrid Palestine iris corms. U.S. Dept. Agr. Techn. Bull. 11. 14 p. illus. N.1927.

Univ. Calif. Publ. Agr. Sci. (Berkeley)
Powers, W. L.
Studies of sulfur in relation to the soil solution. Univ.Calif. Publ. Agr. Sci. 5: 119-170. illus. 1927. no.4.

Yearbk. Ann. Rep. Calif. Avocado Assoc. (Riverside, Cal.)
Chase, E.M. & Church, C.S.
Analyses of avocados by Laboratory of fruit and vegetable chemistry [U.S. Dept.of agriculture] Yearbk.Calif. Avocado Assoc. 1927: 126. S.1927.

Clements, G.P.
The economic value of a botanic garden to the avocado industry. Yearbk. Calif. Avocado Assoc. 1927: 113-116. S.1927
With particular reference to the new botanic garden of California, comprising all of Mandeville Canyon, in Santa Monica Mts., E.D. Merrill, director.

Coit, J.E.
The setting of avocado fruits as affected by weather conditions. Yearbk. Calif. Avocado Assoc. 1927: 123-125. S.1927.

Horne, W.T.
Notes on fruit decays of the Feijoa (Feijoa sellowiana Berg.) Yearbk. Calif. Avocado Assoc. 1927: 31-33. illus. S.1927.

Yearbk. Ann. Rep. Calif. Avocado Assoc. (cont.)

Popenoe, W.
Wild avocados. Yearbk. Calif. Avocado Assoc. 1927: 51-54. illus. S.1927.

Shedden, T.H.
Avocado varieties. Yearbk. Calif. Avocado Assoc. 1927: 81-88. S.1927.

Zeitschr. Indukt. Abstamm. u. Vererbungsl.

International conference on genetics.
Fünfter internationaler kongress für vererbungswissenschaft. Berlin, 11-17 September, 1927. Zeitschr. Indukt. Abstamm.-Vererbungsl. 46: 1-86. 1927. no.1.
Abstracts of papers

Pellew, C.
The genetic behaviour of Primula kewensis. Zeitschr. Indukt. Abstamm. Vererbungsl. 45: 402-403. 1927. no. 4.

Zeitschr. Sukkulentk. (Berlin)

Bödeker, F.
Mamillaria klissingiana Böd., spec.nov. Zeitschr. Sukkulent. 3: 123-124. illus. N. 1927. no. 7.

Gräser, R.
Astrophytenkreuzungen und Mendelsche gesetze. Zeitschr. Sukkulent. 3: 137-139. N.1927. no.7.

König, G.
Aporocactus flagelliformis Lem. Zeitschr. Sukkulent. 3: 136. col.pl.4. N.1927. no. 7.

Maass, C.A.
Seltsame crassulaceen. Zeitschr. Sukkulent. 3: 128-132. illus. N.1927. no. 7.

Tiedge, H.
Mamillaria gracilis Pfeiff. und ihre varietäten. Zeitschr. Sukkulent. 3: 118-119. illus. N. 1927. no. 7.

Tischer, A.
Neue mesembrianthemen aus klein-Namaqualand. Zeitschr. Sukkulent. 3: 120-122. illus. N.1927. no. 7.
1. Conophytum schickianum, Cheiridopsis schickiana Tisch. 3. Conophytum aur florum Tisch.

Zeitschr. Sukkulentk. (cont.)

Werdermann, E.
Ein neuer, interessanter Ariocarpus aus Mexiko. Zeitschr. Sukkulent. 3: 126-128. illus. N.1927. no.7.
A strobiliformis n.sp

Exper. Stat. Publ.

Smith, R.E. & Hansen, H.N.
The improvement of quality in figs. California Agr. Exp. Stat. Circ. 311. 28 p. illus. D.1927.

Manns, T.F.
Report of the Department of plant pathology. For the fiscal year ending June 30, 1927. Ann. Rep. Delaware Agr. Exp. Stat. 1926/27: 40-51. illus. N.1927 (Its Bull. 152)

New Books.

Gilg, E., Brandt, W. & Schürhoff, P.N.
Lehrbuch der pharmakognosie. 4 bedeutend verm. und verb.aufl. Berlin, J. Springer, 1927.

Kirk, J.W.C.
A British garden flora. A classification and description of the genera of plants, trees and shrubs represented in the gardens of Great Britain, with keys for their identification. London, E. Arnold & Co., 1927.

Maisurian, N.A. & Atabekova, A.I.
... Determination of the principal weeds of Transcaucasia, by means of seeds and fruit. Tiflis, 1927.

Martinez Mendozam, R.
Manual del agricultor venezolano; o, Compendio de métodos de todos los cultivos tropicales. Caracas, Imprenta Bolivar, 1924.

Mönkemeyer, W.
Die laubmoose Europas. Andreales-Bryales lfg. 3 (p.577-960) (Schlusslfg.) Leipzig, 1927 (Dr. L. Rabenhorsts Kryptogamen-flora ... bd.4, ergänzungsbd.)

Sur les composés phosphorés des plantes I-IV
Cracovie, 1927.
Extrait du Bulletin de l'Académie polonaise des sciences et des lettres. Classe des sciences mathématiques et naturelles. Sér. B, 1926.
By S. Koehler, S. Minkowska, S. Lindenbaum & W. Vorbrodt.

New Books (cont.)

Witte, E.T.

Dahlia's [Assen, 1915]

Reprints from Journals not yet rec'd or not available.

Thomson, R. B.

Evolution of the seed habit in plants. Reprinted from Trans. Roy. Soc. Canada. III(V), 21: 229-272. illus. 1927.

BOTANY
CURRENT LITERATURE

ADDITIONS TO THE BOTANICAL CATALOGUE, BUREAU OF PLANT INDUSTRY,
COMPILED FROM PUBLICATIONS RECEIVED IN THE
LIBRARY OF THE UNITED STATES DEPARTMENT OF AGRICULTURE, WASHINGTON, D. C.

Vol. 10, no.2. Ja.9-21, 1928.

Acta Soc. Bot. Polon. (Warszawa)

Györffy, I.
Ueber den auf der nördlichen seite der belaër kalkalpen in der "dolina Kepy" i j. 1926 entdecken grünen schnee. Acta Soc.Bot. Polon. 4: 154-165. 1927. no.2.

Knapheisówna, G.
Rozmieszczenie i budowa gruczołów wydzielniczych na liściach u kilku gatunków Prunus (Beiträge zur verteilung und anatomie der secretionsorgane an den blättern der Prunus-arten). Acta Soc. Bot. Polon. 4: 106-113. illus. 1927. no.2.
German résumé: p.113.

Kol, E.
Ueber ein neues mitglied des kryoplanktons der Hohen Tatra, Ankistrodesmus tatrae Kol nova species. Acta Soc. Bot. Polon. 4: 166-168, Pl.xvi. 1927. no. 2.

Krzemieniewscy, H. i.S.
Z mikroflory gleby w Polsce (Contribution à la microflore du sol en Pologne). Acta Soc. Bot. Polon. 4: 141-144. 1927. no.2.

Łopienska, H.
Badania nad chondriomen, wakuolami i tłuszczami w ciągu rozwoju osobnikowego Pilobolus crystallinua Bref. (Observations sur le chondriome, les vacuoles et les graisses au cours de l'ontogénie du Pilobolus cristallinus Bref.) Acta Soc. Bot. Polon. 4: 97-105. pl. xii-xiii. 1927. no.2.
French résumé: p.104-105.

Przyborowski, J.
Moment rozszczepieniz czynników genetyczntch u Epilobium hirsutum L. (On the moment of Mendelian segregation in Epilobium hirsutum L.) Acta Soc. Bot. Polon. 4: 114-124. pl. xiv. 1927. no.2.
English summary: p.119-123.

Acta Soc. Bot. Polon. (cont.)
Stecki, K. & Żyborski, A.
Wklesłości kory i ich stosunek do listewek na drewnie u Salix aurita L. i S. cinerea L. (Die einsenkungen auf der rinde von Salix aurita L. und S. cinerea L. und ihre verhältnisse zu den leisten des holzes). Acta Soc. Bot. Polon. 4: 145-153. pl.xv. 1927. no.2.
German résumé: p.150-153.

Szymkiewicz, D.
Études climatologiques (cont.). Acta Soc. Bot. Polon. 4: 125-140. 1927. no.2.
Les mousses comme l'indice de l'humidité de l'air.

Addisonia. (N.Y.)
Addisonia. v.12, no.4. D.1927.
Tillandsia tricolor, p.49. col.pl.409.
Rivina humilis. p.51. col.pl. 410.
Gaultheria procumbens. p.53-54. col.pl. 411.
Jasminum humile. p.55-56. col.pl.412.
Malus micromalus. p.57. col.pl.413.
Rhipsalis neves-armondii. p.59. col.pl.414.
Viburnum rufidulum. p.61-62. col.pl.415.
Moraea iridoides. p.63-64. col.pl.416.

Agr. y Zootecn. (Habana)
Pinto y Morales, J.
Enfermedades del algodonero. Agr. y Zootecn. 7: 66-68. illus. N.1927. no.11.
Taken from his "Plagas del algodonero" (In preparation).

Agr. Gaz. N.S.W. (Sydney)
Birmingham, W.A.
Burr-knot or stem-tumour of quince and apple trees. Agr.Gaz. N.S.W. 38: 941-943. illus. D.1927. no.12.
Not of parasitic origin, nor a contagious condition, have no detrimental effect on tree, evidence supports view that they are aggregations of aerial or adventitious roots.

Agric. Colon. (Firenze)
Ciferri, R.
Qualche notizia sulla "fava tonka" (Coumarouna punctata Blake). Agric. Colon. 21: 433-439. N./D. 1927. no. 11/12.

Amer. Journ. Pharm. (Philadelphia)
Black, O.F. & Kelley, J.W.
Pseudo ephedrine from Ephedra alata. Amer. Journ. Pharm. 99: 748-751. D.1927. no.12.

Amer. Midl. Nat. (Notre Dame, Ind.)
Bush, B.F.
The Missouri artemisias. Amer. Midl.Nat. 11: 25-40. Ja. 1928. no.1.

Amer. Nat.
Lesley, M.M. & Frost, H.B.
Two extreme "small" Matthiola plants: a haploid with one and a diploid with two additional chromosome fragments. Amer. Nat. 62: 22-23. no.678.

Wellensiek, S.J.
Preliminary note on the genetics of wax in Pisum. Amer. Nat. 62: 94-96. Ja./F.1928. no.678.

Amer. Produce Grow.(Chicago)
Brown, H.D.
Winter control of greenhouse diseases. Amer. Produce Grow. 3(1): 8. Ja.1928.

Schneck, H.W.
Celery blights in the mucklands. Amer. Produce Grow. 3)1): 14. Ja.1928.

Ann. Missouri Bot. Gard. (St.Louis)
Neal, D.C.
Cotton wilt: a pathological and physiological investigation. Ann. Missouri Bot. Gard. 14: 359-424. pl.31-39. N.1927. no.4.

Overholts, L.O.
Species of Cercospora on smilax in the United States Ann. Missouri Bot. Gard. 14: 425-432. pl.40-41. N.1927. no.4.
Cercospora smilacis, C. smilacina.

Ann. Rep. Bur. Agr. Philippine Isl.
Philippine Islands. Bureau of agriculture.
Plant diseases 1926. In its Ann.Rep. 26(1926); 64. pl. xiv-xvi. 1927.

Arch. Pharm. & Ber. Deut. Pharm. Ges. (Leipzig)
Brüning, A. & Kraft, B.
Beiträge zum nachweis von pflanzengiften und arzneimitteln in älteren leichenteilen. Arch. Pharm. & Ber. Deut. Pharm. Ges. 265: 712-716. D.1927. no.9.

Gadamer, J., Späth, E. & Mosettig, E.
Ueber zwei neue alkaloide von Corydalis cava. Arch. Pharm. & Ber. Deut. Pharm. Ges. 265: 675-684. D.1927. no.9.

Arch. Pharm. & Ber. Deut. Pharm. Ges. (cont.)

Matthes, H. & Brause, G.
Ueber die unterscheidung von tierischem und pflanzlichem lezithin. Arch. Pharm. & Ber. Deut. Pharm. Ges. 265: 708-710. D.1927. no.9.

Matthes, H. & Brause, G.
Ueber die zusammensetzung von pflanzenlezithinen des handels. Arch. Pharm. & Ber. Deut. Pharm. 265: 711-712. D.1927. no.9.

Arch. Protistenk. (Jena)

Dissmann, E.
Vergleichende studien zur biologie und systematik zweier Pythium-arten. Arch. Protistenk. 76: 142-192. illus. D.1927. no.1.
Pythium proliferum, P. undulatum.

Ark. Bot.(Stockholm)

Alm, C.G. & Fries, T.C.E.
Die tropischen arten der gattung Erica L. Ark. Bot. 21(7). 21 p. illus., pl. N.1927 (Rec'd Ja. 1928)

Arnell, A.
Periodiska företeèlser inom växt- och djurvärlden vid Härnösand aren 1874-1926. Ark. Bot. 21(8). 10 p. N.1927 (Rec'd Ja.1928)

Erlandsson, S.
Till Västergötlands diatomacé-flora I- Ark. Bot. 21(4). 33 p. illus. My.1927 (Rec'd Ja.1928)
I. Skövde-trakten.

Florin, R.
Preliminary descriptions of some palaeozoic genera of Coniferae. Ark. Bot. 21(13) 7 p. N.1927 (Rec'd Ja.1928)

Fries, R.E.
Die von Ekman in Westindien gesammelten anonaceen. Ark. Bot. 21(9). 25 p. illus. N.1927 (Rec'd Ja.1928)

Malme, G.O.A.
Die apozynazeen der zweiten regnellschen reise. Ark. Bot. 21(6) 21 p. N.1927 (Rec'd Ja.1928)
Plumeria oligoneura, Aspidosperma occidentale, Tabernaemontana cuyabensis, Odontadenia spoliata, sp.n.

Ark. Bot. (cont.)

Malme, G.O.A.
Asclepiadaceae cearenses a.clar. A. Löfgren collectae. Ark. Bot. 21(2) 7 p. My.1927. (Rec'd Ja.1928)
Petalostelma cearense, Gonolobus cordatus, n.sp.

Malme, G.O.A.
Asclepiadaceae Dusenianae in Paraná collectae. Ark. Bot. 21(3) 48 p. pl. i-iv. My.1927 (Rec'd Ja.1928)

Malme, G.O.A.
Asclepiadaceae mattogrossenses. Ark. Bot. 21(12). 27 p. pl. N.1927 (Rec'd Ja.1928)

Astephanus carassensis, Chthamalia cuyabensis, Pseudibatia friesii, n.sp.

Naumann, E.
Ueber die abhängigkeit des phytoplanktontypus vom gewässertypus. Ark.Bot. 21(11). 24 p. N.1927.

Naumann, E.
Zur kritik des planktonbegriffes. Ark. Bot. 21(10). 18 p. N.1927 (Rec'd Ja.1928)

Urban, I.
Plantae haitienses novae vel rariores IV. a cl. E.L. Ekman 1924-26 lectae. Ark. Bot. 21(5). 97 p. My.1927 (Rec'd Ja.1928)

Ber. Chara Inst. Landw. Forsch. (Kuraschiki)

Kondo, M. & Fujimoto, S.
Spontane entstehung einer missgestalteten reispflanze "Magatamaine". Ber. Ohara Inst. Landw. Forsch. 3: 421-424. pl.xxxi-xxxii. 1927. no.4.

Kondo, M.
Ueber die in der landwirtschaft Japans gebrauchten samen. VI. Ber. Ohara Inst. Landw. Forsch. 3: 441-455. illus. 1927. no.4.

Kondo, M. & Okamura, T.
Untersuchungen der verscheidinen reiskörner geringerer qualität. I- Ber. Ohara Inst. Landw. Forsch. 3: 405-419. col.pl. xxx. 1927. no.4.
I. Die braum gefarbten enthülsten reiskörner "Tschammai".

Ber. Ohara Inst. Landw. Forsch. (cont.)
Nisikado, Y.
Comparative studies on Helminthosporium diseases of rice in the Pacific regions. Ber. Ohara Inst. Landw. Forsch. 3: 425-440. pl. xxxiii-xxxvii. 1927. no.4.

De Bergcultures (Batavia, Java)
Jacob, J.C.
Voorloopige mededeeling over infectieproeven met Oidium heveae. De Bergcultures. 2: 642-644. illus. N.26, 1927. no.22.
Mededeeling van het Besoekisch proefstation.

Better Homes & Gard. (Des Moines, Ia.)
Armstrong, M.G.
A gift to garden owners. How the Arnold Arboretum has enriched American plant life. Better Homes & Gard. 6(6): 68-69, 125. illus., port. F.1928.

Kains, M.G.
When your tree is wounded. Injuries from storms, ice or other causes may be healed. Better Homes & Gard. 6(6): 124-125. illus. F.1928.

Biochem. Zeitschr. (Berlin)
Bodnar, J., Roth, L.E. & Bernauer, C.
Ueber die experimentellen beweise der formaldehyd-assimilationshypothese. II. Die enzymatische kondensation des formaldehyds zu zucker. Biochem. Zeitschr. 190: 304-325. N.1927. no.4/6.

Schmalfuss, H. & Barthmeyer, H.
Ueber das entstehen von pigmenten in pflanzen. Biochem. Zeitschr. 190: 424-432. N.1927. no.4/6.

Blue Anchor. (Sacramento, Cal.)
Oberholzer, E. L.
Some factors influencing the keeping qualities of gruits in cold storage. Blue Anchor. 5: 16-17, 34-38. illus. Jan.1928. no.1.

Bol. Patol. Veg. y Entom. Agr. (Madrid)
Benlloch, M.
La desinfección en seco de la simiente para prevenir la "caries" o tizón" del trigo. Bol. Patol. Veg. y Entom. Agr. 2: 36-42. illus. Ja./S.1927. no.5/7.

Cañizo, J.de.
Erwin F. Smith. Bol. Patol. Veg. y Entom. Agr. 2: 90-92. port. Ja./S.1927. no.5/7.

V.10, no.2, p.7.

Bol. Patol. Veg. y Entom. Agr. (cont.)

Cañizo, J.del.

Medios de prevenir la "rabia" o "quema" de los garbanzales (Phyllosticta rabiei [Pass.] Trotter) Bol. Patol. Veg. y Entom. Agr. 2: 10-14. illus. Ja./S.1927. no.5/7.

Rodriguez Sardiña, J.

Sobre la immunidad en las plantas. Bol. Patol. Veg. y Entom. Agr. 2: 1-10. Ja./S.1927. no.5/7.

Boll. Uff. R. Staz. Sper. Ind. Pelli Napoli-Torino.

Vignolo-Lutati, F.

Per la coltura industriale di una pianta conciante la "Caesalpinia tinctoria Dombey" in Italia e Colonie. Boll. Uff. R. Staz. Sper. Ind. Pelli Napoli-Torino. 5: 311-315. N.1927. no.11.

Bot. Arch. (Königsberg)

Fuchs, A. & Ziegenspeck, H.

Entwicklung, axen und blätter einheimischer orchideen IV. Bot. Arch. 20: 275-422. illus. D.1927 no.5/6.

English abstract.

Klemm, M.

Vergleichende morphologische und entwicklungsgeschichtliche untersuchung einer reihe multipler allelomorphe bei Antirrhinum majus. Bot. Arch. 20: 423-474. illus. D.1927. no.5/6.

Ziegenspeck, H.

Die lage des zellkernes in den wurzelhaaren von Hydrocharis morsus ranae während des wachsens. Bot. Arch. 20: 475. D.1927. no.5/6.

English abstract: p.475.

Bot. Mag. Tokyo.

Hagiwara, T.

Genetic studies of leaf-character in morning glories VI. On the relation between "tombo" leaf and the pigmentation of tubes, and on the "tombo" linkage group. Bot. Mag. Tokyo. 41: 648-664. illus. N.1927. no.491.

Hayata, B.

On the systematic anatomy of Monachosorella maximowiczii Hay., a species representing a new genus of the Polypodiaceae. Bot. Mag. Tokyo. 41: 642-648. illus. N.1927. no.641.

Text in Japanese.

V.10, no.2, p.8.

Bot. Mag. Tokyo. (cont.)

Hirata, K. & Akihama, K.
Ueber die chromosomenzahl bei einigen Allium arten. Bot. Mag. Tokyo. 41: 597-600. illus. O.1927. no.490.
Text in Japanese; English summary: p.600.

Honda, M.
Revisio graminum Japoniae XIV. Bot. Mag. Tokyo. 41: 635-641. N.1927. no.491.

Imai, Y.
The right- and left-handedness of phyllotaxy. Bot. Mag. Tokyo. 41: 592-596. O.1927. no.490.

Nakajima, Y.
Untersuchungen über die keimfähigkeitsdauer der samen. Bot.Mag. Tokyo. 41: 604-632. O. 1927. no.490.
German résumé: p.630-632; Text in Japanese.

Okamura, K.
On the nature of the marine algae of Japan and the origin of the Japan Sea. Bot. Mag. Tokyo. 41: 588-592. O.1927. no.490.

Ono, T.
Chromosomenzahl von Rumex sanguinens. Bot. Mag. Tokyo. 41: 632-633. illus. O.1927. no.490.
Japanese.

Ono, T.
Reducing division in triploid Primula (A preliminary note). Bot. Mag, Tokyo. 41: 601-604. O.1927. no.490.
English summary: p.603-604.
Text in Japanese.

Terasawa, Y.
Experimentelle studien über die keimung der samen von Trapa natans L. Bot. Mag. Tokyo. 41: 581-588. illus. O.1927. no.490.

Bull. Dept.Agr. Gold Coast (Accra)

Auchinleck, G.G.
Noteson the structure and classification of oil palm fruits. Bull. Dept. Agr. Gold Coast. 7(Year-bk. 1926): 20-22. pl. i-iii. (i.e., 4 pl.) 1927.

Bull. Dept. Agr. Gold Coast (cont.)

Auchinleck, G.G.

Recent work in the east on the relations between stock and scion in budding and grafting. Bull. Dept. Agr. Gold Coast. 7(Yearbk. 1926): 89-94. 1927.

Interaction between stock and scion in Hevea rubber - Constancy of habit of scion - Disappearance of epidermal prickles of kapok - Extending the range of Cinchona by budding.

Bunting, R. H.

Extracts from records of the mycological division 1926. Bull. Dept. Agr. Gold Coast 7(Yearbk. 1926): 23-24. pl. iv-vi. 1927.

Lime tree diseases - Stripe disease of cocoa pods - Other new records.

Bunting, R. H.

Local cereal diseases in the records of the mycological division. Bull. Dept. Agr. Gold Coast. 7(Yearbk.1927): 25-27. pl.vii-x. 1927.

Bull. Féd. Intern. Pharm.

Graaff, W.C.de.

L'organisation internationale de la culture et de la récolte des plantes médicinales. Bull. Féd. Intern. Pharm. 8: 186-191. D.1927. no.3.

Weevers, Th.

Die funktion des koffeins im stoffwechsel der pflanzen. Bull. Féd. Intern. Pharm. 8: 179-185. D.1927. no.3.

Bull. Mus. Hist. Nat. Paris.

Benoist, R.

Espèces nouvelles de phanérogames de la Guyane française. Bull. Mus. Hist. Nat. Paris. 33: 270-271. 1927. no.3.

Guatteria wachenheimi, Costus claviger,nov.sp.

Benoist, R.

Plantes récoltées par M. Monod en Mauritanie. Bull. Mus. Nat. Hist. Nat. Paris. 33: 188-192. 1927. no.2.

Choux, P.

Nouvelles observations sur les asclépiadacées malgaches de la région d'Ambovombé. Bull. Mus. Nat. Hist. Nat. Paris. 33: 193-200. illus. 1927. no.2.

Cynanchum lecomtei, Toxocarpus decaryii, nov.sp.

Bull. Mus. Hist. Nat. Paris. (cont.)

Fritel, P.H.
Observations sur le rhizome des nymphéacées de l'Oligocène. Bull. Mus. Nat. Hist. Nat. Paris. 33: 314-319. 1927. no.4.

Guillaumin, A.
Contribution à la flore de la Nouvelle-Calédonie L. Bull. Mus.Hist.Nat. Paris. 33:272-276. 1927. no.3.

Lecomte, H.
A propos du fruit et de la graines des sapotacées. Bull. Mus. Nat. Hist. Nat. Paris. 33: 186-187. 1927. no.2.

Pellegrin, F.
Plantae Letestuanae novae ou Plantes nouvelles récoltées par M. Le Testu de 1907 à 1919 dans le Mayombe congolais (cont.). Bull. Mus. Hist. Nat. Paris. 33: 267-269. 1927. no.3.

Bull. R. Soc. Tosc. Ortic. (Firenze)

Commenorazione del Prof. Filippo Parlatore. Bull. R. Soc. Toscana Ortic. 52: 34-35. S./D.1927. no.9/12.

Bull. Soc. Agriculteurs France. (Paris)

Moreau, L. & Vinet, E
Les maladies de la vigne en 1927, en Anjou. Bull. Soc. Agriculteurs France. 59: 321-323. D. 1927. no.12.

Bull. Soc. Bot. France. (Paris)

Ancel, S.
Sur la cumulation des effets lésants déterminés par l'action successive de deux facteurs sur des grains de légumineuses. Bull. Soc. Bot. France. 74: 346-349. Ag.1927. no.5/6.

Blaringhem, L.
Sur les lignées pures de Digitalis purpurea L. var. peloria. Bull. Soc. Bot. France. 74: 412-416. Ag.1927. no.5/6.

Chemin, E.
Action des bactéries sur quelques algues rouges. Bull. Soc. Bot. France. 74: 441-451. illus. Ag. 1927. no.5/6.

Bouly de Lesdain, M.
Notes lichénologiques XXIII. Bull. Soc. Bot. France. 74: 436-439. Ag.1927. no.5/6.

Bull. Soc. Bot. France. (cont.)

Praemer, L., Weitz, J. & Lavialle, P.
L'hybridation dans le genre Digitalis L., Digitalispurpurascens Roth. Bull. Soc. Bot. France. 74: 351-355. Ag. 1927. no.5/6.

Camus, A.
Une nouvelle fumeterre hybride du Var. Bull. Soc. Bot. France. 74: 434-435. Ag.1927. no.5/6.
Fumaria hanryi.

Colin, H. & Franquet, R.
La genèse de l'amidon dans la pomme de terre. Bull. Soc. Bot. France. 74: 451-458. Ag.1927. no.5/6.

Fournier, Abbé P.
Qu'est-ce que l'association du hêtre? Bull. Soc. Bot. France. 74: 416-429. Ag.1927. no.5/6.

Goffinet, A.
Note sur le Portulaca oleracea. Bull. Soc. Bot. France. 74: 349-351. Ag.1927. no.5/6.

Jonesco, Stan.
Sur les pigments des feuilles rouges de Prunus pissardi. Présence d'une substance flavonique à propriétés et réactions intéressantes. Bull. Soc. Bot. France. 74: 460-472. Ag.1927. no.5/6.

Moreau, F.
A propos de la définition de la densité de l'épi des céréales. Bull. Soc. Bot.France. 74: 475-477. Ag.1927. no.5/6.

Mugnier, L.
Contribution à la flore rhodologique de l'Oise. Bull. Soc. Bot. France. 74:429-433. Ag.1927. no.5/6.

Puymaly, A.de.
Sur le Sphaerita endogena Dangeard, chytridiacée parasite des euglènes. Bull. Soc. Bot. France. 74: 472-476. Ag.1927. no.5/6.

Sennen, Frère.
Nombreuses localités de plantes nouvelles pour la Cerdagne, observées durant les vacances des années 1915 à 1926. Bull. Soc. Bot. France. 74: 355-410. Ag.1927. no.5/6.

Trelease, W.
Note sur le Piper reticulosum. Bull. Soc. Bot. France. 74: 458-460. Ag.1927. no.5/6.

Bull. Soc. Hist. Nat. Afr. Nord.
Humbert, H.
Plantes nouvelles du Maroc. Bull. Soc. Hist. Afrique Nord. 18: 143-163. 1927. no.7.

Bull. Torr. Club.
Ferguson, M.C.
A cytological and a genetical study of petunia. I- Bull. Torr. Bot. Club. 54: 657-664. illus., pl.xxxv-xxxvi. D.1927 (Rec'd Ja.1928) no.9.

Shreve, F.
Soil temperatures in redwood and hemlock forests. Bull. Torr. Bot. Club. 54: 649-656. D.1927.(Rec'd Ja. 1928) no.9.

Calif. Grape Grow. (San Francisco)
Bonnet, L. O.
Enemies of the trunk and canes. Calif. Grape Grow. 9(1): 4-5. Ja.1,1928. no.1.
Black measles, black knot.

China Journ. (Shanghai)
Porterfield, W. M.
The identification of some of Shanghai's commonest deciduous trees by their twigs and leaf-scars. (cont.) China Journ. 7: 301-305. plates. D.1927. no.6.

Choroby i Szkod. Roślin. (Warszawa)
Garbowski, L.
Ochrona roślin i jej potrzeby wPolsce. Choroby i Szkod. Roślin. 2(2): 20-28. 1927.
Plant protection and the need of it in Poland.

Krasucki, A.
Projekt organizacji ochrony roślin. Choroby i Szkod. Roślin. 2(2): 29-38. 1927.
Project for organization of plant protection.

Trzebiński, J.
O kształceniu fitopatologów. Choroby i Szkod. Roślin. 2(2): 39-43. 1927.
Education in phytopathology.

Compt. Rend. Acad. Agr. France. (Paris)
Blaque, G. & Mahou, J.
Étude botanique de l'Ocimum canum plante a camphre. Compt. Rend. Acad. Agr. France. 13:1102-1110. D.21, 1927. no.35.

V. 10, no.2, p.13.

Compt. Rend. Acad. Agr. France. (cont.)

Charabot, E.

L'Ocimum canum, source naturelle de camphre droit. Compt. Rend. Acad. Agr. France. 13: 1097-1102. D.21,1927. no.35.

Mangin, M.

La campagne phytopathologique en 1926. Compt. Rend. Acad. Agr. France. 13: 1115 - 1119. D.21, 1927. no.35.

Compt. Rend. Acad. Sci. Paris.

Colin, H. & Neyron de Méons, Ch.

Sur l'inuline d'asphodèle. Compt. Rend. Acad. Sci. Paris. 185: 1604-1606. D.27,1927. no.26.

Lesaage, P.

Influence de la chaleur sur l'energie potentielle des plantes. Compt. Rend. Acad. Sci. Paris. 185: 1606-1608. D.27, 1927. no.26.

Maire, R. & Emberger, L.

Vue d'ensemble de nos connaissances phytogéographiques du Maroc: Les étages climatiques des végétation. Compt. Rend. Acad. Sci. Paris. 185: 1561-1563. D.27,1927. no.26.

Compt.Rend. Soc. Biol. Paris.

Friedel, J.

Un cas tératologique chez le Lilium candidum L. Compt. Rend. Soc. Biol. Paris. 97: 1630. D 16, 1927. no.35.

Curiamo Piante (Milan)

Ferraris, T.

Erwin F. Smith (1854-1927). Curiamo le Piante. 4: 224-225. D.27,1927. no.12.

Défense Agr. Beauce et Perche (Chartres)

Braun, V.

Sur le piétin du blé. Défense Agr. Beauce et Perche. 24: 628-629. D.31,1927. no.53.

Deut. Landw. Presse (Berlin)

Hülsenberg, H.

Schwere schäden bei luzerne durch Macrosporium sarcinaeforme Cav. Deut. Landw. Presse. 54: 716. D.17,1927. no.51.

Molz, E.

Der Fusarium- und schwärzebefall des roggens. Deut. Landw. Presse. 54: 734. D.24, 1927 no.52.

Flor. Exch. (N.Y.)
A new and practical method of feeding greenhouse plants with carbon dioxide. Flor. Exch. 67: 215. Ja.31,1928. no.3.

Forstarch. Zeitschr. Wissenschaftl, u. Techn. in Forstwirtsch. (Hannover)
Plassmann, E.
Untersuchungen über den lärchenkrebs (Dasyscypha willkommii). Forstarch. Zeitschr. Wissenschaftl. u. Technisch. Fortschr. Forstwirtsch. 3: 421-423. D.15,1927. no.24.

Fortschr. Landw. (Vienna)
Dafert, O.
Stimulationsversuche mit magnesiumchlorid. Fortschr. Landw. 2: 806-810. D.15,1927. no.24.

Ufer, M.
Die unterscheidung von rot- und schafschwingel. Fortschr. Landw. 2:798-806. D.15,1927. no.24.

Fruit Grow., Fruiterer, Flor. & Mark. Gard. (London)
Silver leaf disease. Fruit, Flow, & Veg. Trades Jour. 52: 756. D.24,1927. no.26.

Gard. Chron. (London)
Brown, N.E.
Mesembryanthemum (cont.) Glottiphyllum, Haw. Gard. Chron. III, 82: 509-511. illus. D.24, 1927. no.2139.

Diseases and pests of celery in 1927. Gard.Chron. III, 82: 512. D.24, 1927. no.2139.
Leaf blight, carrot fly, soft rot, pithy sticks.

Friend, H.
Ideal gardens and plant lore. (cont.) The garden of the Madonna. Gard. Chron. III, 82: 509,524-525. D.24,31, 1927. no.2139-40.

Ogilvie, L.
The Bermuda lily. Gard. Chron. III,82: 507-508. illus. D.24, 1927. no.2139.
Lilium longiflorum.

Ward, F.K.
Burmese species of Meconopsis. Gard. Chron. III, 82: 506-507. D.24,1927. no.2139.

Ward, F.K.
Mr. F. Kingdon Ward's ninth expedition in Asia. XXII. The last week. Gard. Chron. III, 82: 522-523. illus. D.31,1927. no.2140.

V.10, no.2, p.15

Gard. Chron. Amer. (N.Y.)

Bade, E.
Pollen and artificial fertilization of plants. Gard. Chron. Amer. 32: 7-8. illus. Ja.1928. no.1.

Everett, T.H.
Curious insectivorous plants. Gard.Chron. Amer. 32: 14, 18. Ja.1928. no.1.

Gard. Illus. (London)

Silver leaf disease. Gard. Illus. 49: 823. D.31,1927. no.2547.
Plums that are susceptible.

Gartenfl. (Berlin)

Liebsch, G.
Merkwürdige und schöne blattorgane (cont.) Gartenfl. 76: 466-469. illus. D.1927.
6. Blattarme pflanzen. 7. Ersatzblätter.

Purpus, J.A.
Die fouquieriaceæ. Die merkwürdigsten xerophyten Mexikos. Gartenfl. 76: 459-462. illus. D. 1927.

Gartenschönheit. (Berlin)

Foerster, K.
Zimmerfarne. Gartenschönheit. 8: 314-316. illus. D.1927. no.12.

Kache, P.
Tradeskantien. Gartenschönheit. 8:317-319. illus. D.1927. no.12.

Gartenw. (Berlin)

Fleischmann, C.
Die widerstandsfähigkeit verschieden ernährter pflanzen gegen parasitäre krankheiten. Gartenw. 31: 785-786. illus. D.30,1927. no.52.

Page, H.
Mehltau an hortensien. Eine neue seuche der topfpflanzenkulturen (cont.) Gartenw. 31: 759-760. illus. D.16,1927. no.50.

Page, H.
Eine neue krankheit der poinsettie. Gartenw. 31: 772-773. illus. D.23,1927.no.51.
Virus disease.

Hacienda. (Buffalo)
Dewey, L.H.
La ceiba y sus productos. Hacienda. 23: 26-27. illus. Ja.1928. no.1.
Ceiba pentandra.

Hedwigia. (Dresden)
Herzog, T.
Zwei bryophytensammlungen aus Südamerika. Hedwigia. 67: 249-268. D.1927. no.6.
Hepatics & mosses of Brazil & Bolivia.

Schilling, Fr.
Entwicklungsgeschichtliche und systematische untersuchung epiphyller flechten Hedwigia. 67: 269-300. pl. iv-v. D.1927. no.61.

Heil & Gewurz-Pflanzen (Munich)
Dafert, O. & Kwizda, R.
Versuche über den einfluss der standweite auf die ernte bei Thymus vulgaris L. und Melissa officinalis L. Heil- u. Gewürz-Pflanzen. 10: 149-153. D.1927. no. 3.

Flachs, K.
Der malvenrost und massnahmen zu seiner bekämpfung. Heil- u. Gewürz-Pflanzen. 10: 140-146. D.1927. no.3.

Lingelsheim, A.von.
Primula officinalis (L.) Hill. Eine pharmakognostische gesamtdarstellung (cont.) Heil- u. Gewürz-Pflanzen. 10: 113-140. D.1927. no.3.

Hoppe-Seyl.Zeitschr. Phys. Chem. (Berlin)
Ehrlich, F. & Bender, I.
Antwort auf die vorstehende bemerkund von A. Gottschalf zu unserer arbeit "Ueber die angebliche bildung von fumarsäure aus brenztraubensäure durch Rhizopus nigricans". Hoppe-Seyl. Zeitschr. Phys. Chem. 172: 317-318. D.1927. no.6.

Gottschalk, A.
Bemerkung zu der arbeit von F. Ehrlich und I. Bender "Ueber die angebliche bildung von fumarsäure aus brenztraubensäure durch Rhizopus nigricans." Hoppe-Seyl. Zeitschr. Phys. Chem. 172: 314-316. D.1927. no.6.

Hort. Illus.(Boston)
Hamblin, S.F.
Rock garden herbs from southern Alleghenies. Hort. Illus. 6: 35. Ja.15,1928. no.2.

Hort. Illus. (cont.)

Jardine, M.
The sourwood, a double duty tree. Hort. Illus. 6: 40-41. illus. Ja.15,1928. no.2.

Nearing, G.G.
The oyster mushroom and its peculiarities. Hort. Illus. 6(1): 9-10. illus. Ja.1, 1928.
Pleurotus ostreatus, P. sapidus.

Illus. Landw. Zeit. (Berlin)

Schulz, C.
Der einfluss der düngung des bodens auf die verbreitung der getreideroste. Illus. Landw. Zeit. 47: 637. D.16,1927. no.50.

Indische Culturen (Soerabaja)

Uphof, J.C.
Het cementeeren van verrotte boomstammen. Indische Culturen. 12: 999-1001. illus. D.1,1927. no.23.

Intern. Rev. Agr. (Rome)

Blue coloration in potato tubers. Intern.Rev. Agr. n.s., 18: 566T-567T. O.1927.
Communication from Wageningen.
Lack of potash in soil.

Ghesquière, J.
Belgian Congo: diseases and pests new to the colony. Intern. Rev. Agr., n.s., 18: 565T-566T. O.1927. no.9.

Journ. Agr.Res.

Briggs, F.N.
Dehulling barley seed with sulphuric acid to induce infection with covered smut. Journ.Agr. Res. 35: 907-914. N.15,1927 (Rec'd Ja.17,1927) no.10.

Fawcett, H.S. & Barger, W.R.
Relation of temperature to growth of Penicillium italicum and P. digitatum and to citrus fruit decay produced by these fungi. Journ.Agr.Res. 35: 925-931. N.15,1927 (Rec'd Ja.17,1928) no.10.

Hill, D.D. & Salmon, S.C.
The resistance of certain varieties of winter wheat to artificially produced low temperatures. Journ.Agr.Res. 35: 933-937. N.15,1927 (Rec'd Ja.17,1928)

Journ.Agr.Res. (cont.)
Leighty, C.E. & Taylor, J.W.
Studies in natural hybridization of wheat. Journ.Agr.Res. 35: 865-887. N.15,1927 (Rec'd Ja.17,1928) no.10.

Journ. Amer. Soc. Agron. (Geneva, N.Y.)
Dungan, G.H.
Effect of hail injury on the development of the corn plant. Journ. Amer. Soc. Agron. 20: 51-54. illus. Ja.1928. no. 1.

Journ. Amer. Veter. Assoc.
Woodcock, E.F.
Plants of Michigan poisonous to live stock. Journ. Amer. Veter. Med. Assoc. 72: 475-490. illus. Ja.1928. no.4.

Journ. Dept. Agr. Victoria (Melbourne)
Ward, J.M.
Handling and marketing soft fruits. Journ. Dept. Agr. Victoria. 25: 659-661. illus. N.1927. no.11.

Journ. Fac. Agr. Hokkaido Imp. Univ. Sapooro, Japan.
Hiratsuka, N.
Beiträge zu einer monographie der gattung Pucciniastrum Otth. Journ. Fac. Agr. Hokkaido Imp. Univ. Sapporo, Japan. 21: 63-119. pl. i. D.1927. no.3.

Journ. Hered.(Washington,D.C.)
Frost, H.B.
Chromosome-mutant types in stocks (Matthiola incana R.Br.)- Journ.Hered. 18: 475-486. illus. N.1927. no.11.
I. Characters due to extra chromosomes.

Griffing, J.B.
A new variety of cotton from China. Journ. Hered. 18: 496-497. Illus. N. 1927. no.11.
The "Million dollar".

Young, H.M.
Weak tassel. Heritable characters of maize XXX. Journ. Hered. 18: 505-510. illus. N. 1927. no.11.

Journ. Washington Acad. Sci.
Blake, S.F.
Twelve new American Asteraceae. Journ. Washington Acad. Sci. 18: 25-37. Ja.19,1928. no.2.

Kranke Pflanze. (Dresden)
Esmarch, F.
Der bakterienkrebs und seine bekämpfung. Kranke Pflanze. 4: 185-188. D.1927. no.12.

Landbouw.Tijdschr. Maandl. Nederl.Genootsch. Landbouwwetensch.
Mol. W.E.de.
Samenvatting der cytologische en genetische resultaten, bereikt met het experiment betreffende der verdubbelings- en vervierfoudigingsmogelijkheid der geslachtskernen bij hyacinthen en tulpen (1919-1927) Landbouw. Tijdschr. Maandbl. Nederl. Genootsch. Landbouwwetensch. 39: 463-465. D.1927. no.471.

Magyar Bot. Lap.(Budapest)
Aellen, P.
Chenopodium crassifolium Hornemann, eine verkannte europäische art. Magyar Bot. Lap. 25: 55-63. 1927. no.1/12.

Baldacci, A.
Il console napoleonico Pouqueville e il centenario della flora albanese. Magyar Bot. Lap. 25: 405-415. 1927. no.1/12.

Beck-Mannagetta, G.
Ein beitrag zur kenntniss der orobanchean Ungarns und der benachbarten länder. Magyar Bot. Lap. 25: 155-160. 1927. no.1/12.

Boros, A.
Az Elatine hungarica és az E. ambigua újabb hazai termöhelyei (Neue standorte der Elatine hungarica und E. ambigua in Ungarn). Magyar Bot. Lap. 25: 150-153. 1927. no.1/12.
German summary.

Ernyey, J.
Az akácfa vándorútja és megtelepülése hazánkban. (Die wanderwege der robinie und ihre ansiedlung in Ungarn). Magyar Bot. Lap. 25: 161-191. pl.iv. 1927. no.1/12.
German summary.

Magyar Bot. Lap.(cont.)

Filarszky, N.
A Magas Tátra alján termö nehány Charaféléröl. Magyar Bot. Lap. 25: 5-14. pl.i. 1927. no.1/12.
German translation (Ueber einige characcen am fusse der hohen Tátra): p.9-14.

Filarszky, N.
Pótlas "A.M.Tátra alján termö néhány Charaféléröl"cimü közleményhez. Magyar Bot. Lap. 25: 399-401. 1927. no.1/12.
German résumé (Nachtrag zu d. artikel "Ueber einige characeen am fusse der hohen Tátra"): p.400-401.

Gáyer, G.
Zwei neue pflanzen der steirischen flora. Magyar Bot. Lap. 25:82. 1927. no.1/12.
Phyteuma degeni (spicatum x Zahlbruckneri) hybr. nova; Rosa murithii (Chr.) Pug. ssp. johnsbachensis Deg.et Gayer.

Glück, H.
Die süsswasservegetation von Nord-Amerika in gegenwart und vergangenheit. Magyar Bot. Lap. 25: 230-251. 1927. no.1/12.

Görz, R.
Salix cepusiensis Wołoszczak und ihre eltern S. kitaibeliana Willd. und S. phylicifolia L. Magyar Bot. Lap. 25: 195-201. 1927. no.1/12.

Gombocz, E.
Keresztezö kisérletek Populus alba L. és Populus tremula L. között. Magyar Bot. Lap. 25: 111-116. 1927. no.1/12.
German résumé (Kreuzungs-versuche zwischen Populus alba L. und Populus tremula L.): p.113-116.

Gyelnik, V.
Néhány Peltigera-adat Japánból. (Einige Peltigera daten aus Japan). Magyar Bot. Lap. 25: 252-254. 1927. no.1/12.
Peltigera degeni, P. szatalae, n.sp.; P. subcanina Gyelnik nov.nom. ms.

Györffy, I.
Az Elatine gyrosperma Dub (E. oederi Moesz) elöfordulása Magyarországon (Ueber das vorkommen von Elatine gyrosperma Dub. (E. oederi Moesz) in Ungarn) Magyar Bot.Lap. 25: 154. 1927. no.1/12.
German summary.

Magyar Bot. Lap. (cont.)

Györffy, I.
Fasciation der männlichen blütenschaftträger von Radiania rumaenica Schiffn. Magyar Bot. Lap. 25: 48-49. illus. 1927. no.1/12.

Györffy, I.
Floristicai töredékek a Magas-Tátra ismeretéhez (Fragmenta phytochorologica montium Tatraensium) XXI-XXXIX. Magyar Bot. Lap. 25: 65-70. 1927. no.1/12.

Hayek, A.von.
Der blütenstand von Jankaea heldreichii Boiss. Magyar Bot. Lap. 25: 191-195. 1927. no.1/12.

Jávorka, S.
A Sorbus torminalis (L.) Cr. magyar keverékfajat. (Die Sorbus-torminalis-bastarde in Ungarn). Magyar Bot. Lap. 25: 83-90. illus. 1927. no.1/12.
Sorbus degenii, S. paxiana.
German summary.

Kol, E.
Fragmenta algologica Hungariae I- "Ewige regen" vallis Felkaënsis. Magyar Bot. Lap. 25: 261-266. pl.v. 1927. no.1/12.

Košanin, N.
Verbreitung einiger baum- und strauch-arten in Südserbien. Magyar Bot. Lap. 25: 116-123. 1927. no.1/12.

Kümmerle, J.
Félreismert északamerikai páfrányfaj. Magyar Bot. Lap. 25: 63-65. 1927. no.1/12.
English summary (On a confounded North American fern): p.64-65.
Athyrium majus, erroneously determined as Aspidium cyclosorum.

Kümmerle, J.B.
Ueber das vorkommen eines australisch-neuseelandischen farnes in Südafrika (Egy ausztráliai-újzélandi páfrány elöfordulása délafrikában). Magyar Bot. Lap. 25: 145-146. 1927. no.1/12.

Lengyel, G.
Az alacsony Tátra flórájából. I. (Aus der flora der niederen Tatra I) Magyar Bot. Lap. 25: 416-424. 1927 no.1/12.

V.10, no.2, p.22.

Magyar Bot. Lap. (cont.)

Lengyel, G.
De knautiis nonnullis novis hybridis vel minus cognitis. Magyar Bot. Lap. 25: 401-404. illus. 1927. no.1/12.

Loeske, L.
Ueber einige laubmoos-arten und ihre begrenzung. Magyar Bot. Lap. 25: 79-81. 1927. no.1/12.

Lyka, K.
Párhuzamos alakok a középeurópai Thymus-ok körében. Magyar Bot. Lap. 25: 39-47. 1927. no.1/12.
German translation (Parallele formen im verwandtschaftskreise der mitteleuropaeischen Thymi): p.44-47.

Mágocsy-Dietz, S.
A torzult fenyötoboz (Die krüppelzapfen der fichte) Magyar Bot.Lap. 25: 1-5. 1927. no.1/12.
Picea excelsa &P. pungens.
German summary.

Maly, K.
Vorläufige mitteilung über das vorkommen eininger für Jugoslavien neuer gehölze. Magyar Bot. Lap. 25:71-79. illus. 1927. no.1/12.

Margittai, A.
Ujabb adatok Turócvármegye flórájájoz (Neue beiträge zur kenntnis der flora des komitates Turóc). Magyar Bot. Lap. 25: 219-226. 1927. no.1/12.

Moesz, G.de.
Additamenta ad cognitionem fungorum poloniae (Adatok legnyelország gombáinak ismeretéhez). Magyar Bot. Lap. 25: 25-39. illus. 1927. no.1/2.
Pyrenophora szaferiana, Microdiplodia arenaria, Phoma lunariae, new spec.

Pákh, E.
Leptothrix trichogenes Cholodny erdélyben. (Ueber das vorkommen von Leptothrix trichogenes Chol. in Siebenbürgen). Magyar Bot. Lap. 25: 269-271. illus. 1927. no.1/12.
German summary.

Polgár, S.
Eine neue adventive pflanze aus Györ. (Egy új györi behurcolt növényröl.) Magyar Bot. Lap. 25: 123-124. 1927. no.1/12.
Descurainia appendiculata.

Magyar Bot. Lap. (cont.)

Rapaics, R.von.
Das englische raygras auf den szikböden des Ungar. tieflandes. Magyar Bot. Lap. 25: 137-145. 1927. no.1/12.
Lolium perenne.

Ronniger, K.
Einige bemerkungen über Gentiana favrati Rittener. Magyar Bot. Lap. 25: 255-261. 1927. no.1/12.

Scherffel, A.
Einige blütenbiologische beobachtungen. Magyar Bot. Lap. 25: 107-110. illus. 1927. no.1/12.
Epilobium angustifolium, Lilium candidum, Iris squalens.

Soó,Rezsö, B.
Az Orchis cordiger Fries és rokonai Magyar Bot. Lap. 25: 271-277. 1927. no.1/12.
Latin diagnosis.
O. cordiger, O. caucasicus, O. blyttii, O. impudicus.

Stefanoff, B.
Die posttertiären veränderungen in der vegetation der ebene von Sofia. Magyar Bot. Lap. 25: 96-106. 1927. no.1/12.

Stojanoff, N.
Ueber die verbreitung der orientalischen buche auf der Balkanhalbinsel Magyar Bot. Lap. 25: 131-136. 1927. no.1/12.
Fagus orientalis.

Szabó,Z.
Dispositio specierum generis Cephalaria Schrad. Magyar Bot. Lap. 25: 49-55. 1927. no.1/12.

Szatala, O.
Adatok Magyarország zuzmóflórájának ismeretéhez II. (Beiträge zur kenntnis der flechtenflora Ungarns II) Magyar Bot. Lap. 25: 201-218. 1927. no.1/12.

Szepesfalvy, J.
Májmohák a Magas Tátrából. (Lebermose aus der Hohen Tatra.) Magyar Bot. Lap. 25: 125-131. 1927. no.1/12.

Trautmann, R.
Mentha falcata nov.sp. Magyar Bot. Lap. 25: 90-96. 1927. no.1/12.

Magyar Bot. Lap. (cont.)

Urumov, Iv.K.
Thymi bulgarici. Magyar Bot. Lap 25: 227-229. 1927. no.1/12.

Vierhapper, F.
Zwei neue Nigella-arten aus der verwandtschaft der N. arvensis L. Magyar Bot. Lap. 25: 146-150. illus. 1927. no.1/12.
Nigella doerfleri, N. degenii, sp.nov.

Wagner, J.
Hárstanulmányok II. Magyar Bot. Lap. 25: 14-24. pl. ii-iii. 1927. no.1/12.
German résumé (Lindenstudien): p.22-24.

Zahn, K.H.
Beiträge zur kenntnis der hieracien Ungarns und der Balkanländer VII. Magyar Bot. Lap. 25: 283-394. 1927. no.1/12.

Zsák, Z.
Az Inula transsilvanica Schur származása (Die abstammung von Inula transsilvanica Schur.) Magyar Bot. Lap. 25: 395-399. pl.vi. 1927. no. 1/12.

Matières Grass. (Paris)

Pierraerts, J. & Ipatieff, N.
Le gonyo (Antrocaryon nannani De Wild.) II. (concl.) Matières Grass. 19: 8028-8029. D.15,1927. no.236.

Mem. Coll. Agr. Kyoto Imp. Univ.

Hemmi, T. & Nojima, T.
Contributions to the knowledge of anthracnoses of plants. I- Mem. Coll. Agr. Kyoto Imp. Univ. 3: 25-39. illus. pl.iii. N.1927.
I. Notes on three new or little known anthracnoses of the cultivated plants in Japan. 1. Onion smudge caused by Colletotrichum circinans (Berk.) Volgino... 2. A new anthracnose of Aucuba japonica Thunb. 3. Identity of the fungus causing the poppy anthracnose and a bitter rot fungus of apples.

Hemmi, T. & Hisao, N.
Studies on septorioses of plants I- Mem. Coll. Agr. Kyoto Imp. Univ. 3: 1-24. illus., pl.i-ii. N.1927.
I. Comparison of two different species of Septoria causing the leaf-spot diseases of the cultivated chrysanthemem.
Septoria chrysanthemella, S. obesa.

V.10, no.2, p.25.

Mem. Dept. Agr. India Bot. Ser.

Bhide, R.K. & Bhalerao, S.G.
The Kolamba rice of the North Konkan and its improvement by selection. Mem. Dept. Agr. India. Bot.Ser. 14: 199-245. pl.i-vi. S.1927. no.7.

Mitt. Deut. Dendrol. Ges.

Brussoff, A.
Ueber das durch bakterien verursachte sterben der ulmen und anderer laubbäume. Mitt. Deut. Dendrol. Ges. 38: 244-251. pl.39-42. 1927.
Micrococcus ulmi.

Einwirkung des hochwassers auf forstgehölze. Mitt. Deut. Dendrol. Ges. 38: 255-258. 1927.

Giessler, A.
Geschlechtswechsel bei Salix. Mitt. Deut. Dendrol. Ges. 38: 57-59. pl.19-20. 1927.

Huber, B.
Aus der biologie der baumkrone. Mitt. Deut. Dendrol. Ges. 38: 60-64. pl.21-22. 1927.

Kanngiesser, F.
Dendrologische toxicologie. Mitt. Deut. Dendrol. Ges. 38: 67-76. 1927.

Koch, F.
Das pflanzenparadies Sibolangit in Sumatra, ein neuer tropischer pflanzengarten. Mitt. Deut. Dendrol. Ges. 38: 174-181. pl.33-34. 1927.

Koch, F.
Zur frage der fossilen und rezenten verbreitung der koniferen (Nachträgliche bemerkungen). Mitt. Deut. Dendrol. Ges. 38: 182-184. map 1927.

Manshard, E.
Krankheiten und schädlinge im saatbeet der forstlichenwichtigsten holzarten. Mitt. Deut. Dendrol. Ges. 38: 196-229. pl.35-36. 1927.
Nichtparasitäre saatbeetkrankheiten - Pilzparasitäre erkrankungen im saatbeet - Tierische saatbeetschädlinge.

Marzell, H.
Die deutschen bäume in der volkskunde 3. Die erle Alnus glutinosa. Mitt. Deut. Dendrol. Ges. 38: 76-82. 1927.

Mattfeld, J.
Aus wald und macchie in Griechenland. Mitt. Deut. Dendrol. Ges. 38: 106-151. pl.27-30. 1927.

V.10, no.2, p.26.

Mitt. Deut. Dendrol. Ges. (cont.)

Novák, F.
Zur fünfzigjährigen entdeckung der Picea omorika. Mitt. Deut. Dendrol. Ges. 38: 47-56. pl.13-18. 1927.

Rehder, A.
Die namen der gehölze. Mitt. Deut. Dendrol. Ges. 38: 333-336. 1927.
Bemerkungen zu Mitt. d. DDG. 1926, II, s.201, ff.
Reply by H. Höfker, p.336-337.

Seydel, von.
Essbare baumfrüchte des waldes. Mitt. Deut. Dendrol.Ges. 38: 185-189. 1927.

Suringar, J.V.
Die anwendung der internationalen botanischen nomenklaturregeln... Mitt. Deut. Dendrol. Ges. 38: 293-333. 1927.
Transl. by H. Höfkner of his Persoonlijke opvattingen bij de toepassing der internationae betanische regels der nomenclatuur...

Tobler, F.
Die gartenformen der gattung Hedera. Mitt. Deut. Dendrol. Ges. 38: 1-33. illus., pl. 1-12. 1927.

Uphof, J.C.T.
Dendrologische notizen aus dem staat Florida. Mitt. Deut. Dendrol. Ges. 38:158-173. illus., pl.31-32. 1927.

Wissemann, F.
Rauchschäden und deren bekämpfung. Mitt. Deut. Dendrol. Ges. 38: 252-254. 1927.

Möllers Deut. Gärtn.-Zeit.

Frič, A.V.
Der pflanzenjäger XII. Echinopsis schwantesii Frič sp.n. und Ech. derenbergii Frič sp.n. Möllers Deut. Gärtn.-Zeit. 42: 436. D.21, 1927. no.36.

Heine, F.
Der rosenrost, sein wesen und seine bekämpfung Möllers Deut. Gärtn.Zeit. 42: 431-432. D.21, 1927. no.36.

Schwantes, G.
Herrea; Meyerophytum, Schwantes gen.nov. Möllers Deut. Gärtn.-Zeit. 42:436-437. D.21,1927. no.36.
New genera of "Mesembriaceae" no species of Herrera described; Meyerophytum meyeri(Mitrophyllum Meyeri)

Nature (London)

Larch canker in Britain. Nature. 120: 935-936. D.24, 1927. no.3034.

Lowndes, A.G.

Misleading uses of the term 'self-adaptation'. Nature. 120: 918. D.24,1927. no.3034.

New Jersey Agr. (New Brunswick)

Clark, E.S.

Control of Rhizoctonia of potatoes. New Jersey Agr. 10(1): 3. Ja.1928.

Nuestra Tierra Buenos Aires.

Zavalla, C.M.

El mildiu, vulgarmente llamado "Peronospora". Nuestra Tierra Buenos Aires. 10: 432-434. illus. N.1927. no.163.

Obst- u. Gemüseb. (Berlin)

Link, W.

Die züchterische bearbeitung der obstgehölze im lichte der vererbungswissenschaft III. Obst. u. Gemuseb. 73: 400-401. D.29, 1927. no.26.

Müllers, L.

Die verschiedenen arten des obstbaumkrebses und ihre bekämpfung. Obst. u. Gemüseb. 73:388-389. illus. D.15,1927. no.25.

Reinau, E.

Die aelchen und ihre bekämpfung durch dämpfen des bodens. Obst. u. Gemüseb. 73: 384-385. D.15,1927. no.25.

Weber, H.

Das wurzelälchen und sein vordringen in Deutschland. Obst. u. Gemüseb. 73: 382-384. D.15, 1927. no.25.

Oesterr. Bot. Zeitschr. (Wien)

Cholnoky, B.von

zur zytologie und systematik der Navicula pannonica Grun. Oesterr. Bot. Zeitschr. 75: 316-319. illus. D 1927. no.4.

Heimerl, A.

Zur kenntnis der nyctaginaceen-gattung Cuscatlania Standley. Oesterr. Bot. Zeitschr. 76: 312-315. illus. D.1927. no.4.

Oesterr. Bot. Zeitschr. (cont.)

Klein, G. & Sonnleitner, H.
Der mikrochemische nachweis der alkaloide in der pflanze. IV. Der mikrochemishce nachweis des kokains. Oesterr. Bot. Zeitschr. 76: 263-271. D.1927. no.4.

Kudo, Y.
Ueber die pflanzengeographie Nordjapans (die Inseln Kurilen eingeschlossen) und der Insel Sachalin. Oesterr. Bot. Zeitschr. 76: 306-311. D.1927. no.4.

Linsbauer, K.
Ueber eigenartige zellkerne in Chara-rhizoiden. Oesterr. Bot. Zeitschr. 76: 249-262. illus., pl. D.1927. no.4.

Widder, F.J.
Beiträge zur kenntnis der gattung Leontodon I- Oesterr. Bot. Zeitschr. 76: 272-305. illus. D.1927. no.4.
I. Leontodon croceus Haenke und Leontodon rilaënsis Hayek.

Pamph. Canada Dept.Agr.

Hockey, J.F.
Studies of fruit diseases.Apple scab Pamphl. Dept. Agr. Canada. n.s., 82. 7 p. illus. 1927.

Perfum. & Essent. Oil Rec.(London)

Penfold, A.R.
The essential oil of Eucalyptus bakeri (Maiden) Perfum. & Essent. Oil Rec. 18: 506-507. port. D.1927. no.13.

Pflanzenbau. (Berlin)

Ausborn, E.
Die mendelistische bastardierungszüchtung bei selbstbefruchtern. Pflanzenbau. 4: 177-182. D.15,1927. no.12.

Schlumberger, O.
Die beurteilung der kartoffelkrankheiten bei der anerkennung (concl.) Pflanzenbau. 4: 186-190. D.15,1927. no.12.

Phytopath. (Lancaster, Pa.)

Raeder, J.M. & Hungerford, C.W.
Seed treatment control of Rhizoctonia of potatoes in Idaho. Phytopath. 17: 793-814. D.1927. no.12.

Phytopath. (cont.)

Stakman, E.C. & Christensen, J.J.
Heterothallism in Ustilago zeae. Phytopath. 17: 827-834. D.1927. no. 12.

Wellensiek, S.J.
The nature of resistance in Zea mays L. to Puccinia sorghi Schw. Phytopath. 17: 815-825. illus., pl. xxx-xxxi. D.1927. no. 12.

Wilson, E. E.
Effects of fungous extracts upon the initiation and growth of the perithecia of Venturia inaequalis (Cke.) Wint. in pure culture. Phytopath. 17: 835-836. D.1927. no.12.

Planta, Arch. Wiss. Bot. (Berlin)

Buxbaum, F.
Zur frage des eiweissgehaltes des nektars (Vorläufige mitteilung). Planta, Arch. Wiss. Bot. 4: 818-821. illus. D.1927. no.5.

Guttenberg, H.von.
Studien über das verhalten des immergrünen laubblattes der Mediterranflora zu verschiedenen jahreszeiten. Planta, Arch. Wiss. Bot. 4: 726-779. D.1927. no.5.

Porodko, Th.M.
Ein eigenartiger wachstumsmodus der hauptwurzeln bei Lupinus albus. Planta, Arch. Wiss. Bot. 4: 710-725. D.1927. no.5.

Probst, S.
Ueber den einfluss einer sprossbelichtung auf das wurzelwachstum und denjeniger einer wurzelbelichtung auf das sprosswachstum. Planta, Arch. Wiss. Bot. 4: 651-709. D.1927. no.5.

Schmucker, Th.
Ueber bildungsanomalien bei Chara. Planta, Arch. Wiss. Bot. 4: 780-787. illus. D.1927. no.5.

Seybold, A.
Qualitativ-kinematische betrachtung über die transpirations- und diffusionsverhältnisse von flächen mittlerer blattgrösse. Planta, Arch. Wiss. Bot. 4: 788-811. D.1927. no.5.

Tischler, G.
Chromosomenstudien bei Ribes gordonianum und seinen eltern. Planta, Arch. Wiss. Bot. 4: 617-650. illus. D.1927. no.5.

Planta, Arch. Wiss. Bot. (cont.)

Umrath, K.
Ueber die erregungssubstanz der mimosoideen. Planta, Arch. Wiss. Bot. 4: 812-817. D.1927. no.5.

Prakt. Blätt. Pflanzenb. u. Pflanzensch. (Freising)

Korff, G. & Böning, K.
Bericht über das auftreten von krankheiten und schädlingen an landwirtschaftl. kulturpflanzen im Oktober und November 1927 (cont.) Prakt. Blätt. Pflanzenb. u. Pflanzensch. 5: 217-223. D.1927. no.9.

Proc. K. Akad. Wetensch. Amsterdam.

Boer, S.R.de.
The influence of temperature on the respiration of Phycomyces blakesleeanus Burgeff. Proc. K. Akad. Wetensch. Amsterdam. 30: 674-680. 1927. no.6.

Posthumus, O.
Some remarks concerning the palaeozoic flora of Djambi, Sumatra. Proc. K. Akad. Wetensch. Amsterdam. 30: 628-634. 1927. no.6.

Publ. Puget Sound Biol. Sta. (Seattle, Wash.)

Angst, E.C.
Observations on Pteris aquilina. Publ. Puget Sound Biol. Stat. 5: 261-265. illus. D. 1927.

Angst, L.
Gametophytes of Costaria costata. Publ. Puget Sound Biol. Stat. 5:293-298. D.1927.

Angst, L.
The holdfast of Soranthera ulvoidea. Publ. Puget Sound Biol. Stat. 5: 267-275. illus. D.1927.

Bodenberg, E.T.
Experiments on conduction in Nereocystis luetkeana. Publ. Puget Sound Biol. Stat. 5: 253-256. D.1927.

Bodenberg, E.T.
Tissues involved in the transfer of mineral salts in plants. Publ. Puget Sound Biol. Stat. 5: 231-244. D.1927.

V.10, no.2, p.31.

Quart. Rev. Biol. (Baltimore)
Livingston, B.E.
Plant water relations. Quart. Rev. Biol. 2: 494-515. D.1927. no.4.

Queensl. Agr. Journ. (Brisbane)
Veitch, R.
Root knot or nematode root gall. Queensl. Agr. Journ. 28: 578-584. illus. D.1927. no.6.

Wood, E.J.F.
Cane pests and diseases (cont.) Queensl. Agr. Journ. 28: 558-561. D.1927. no.6.

Rev. Intern. Produits Colon.
Meniaud, J.
Acajous de la Côte d'Ivoire. Variétés exploitées. Rev. Intern. Produits Colon. 3: 22-31. Ja.1928. no.25.
Khaya spec.

Sächsisch. Gärtnerbl.
Gleisberg, W.
Der wurzelkropf der obstbäume. Sächsisch. Gärtnerbl. 8: 11-19. illus. Ja.1, 1928. no.1.

Sbornik Ceskoslov. Akad. Zeměd.
Kopecký, O.
Mikrometrické rozbory ječných zrn v klasu. (Mikrometrische untersuchungen der gerstenkörner in der ähre). Sbornik Československ. Akad. Zeměd. 3: 653-672. pl. xviii-xix. 1927. no.4.
German résumé: p.670-672.

Milovidov, P.
Biometrická pozorováni na květech viceplodé třešne (Biometric researches on the blossoms of the polycarpic cherry-tree). Sbornik Československ. Akad. Zeměd. 3: 535-562. illus. 1927. no.4.
English summary: p.561-562.

Schweiz. Zeitschr. Obst- u. Weinb. (Wädensunl)
Osterwalder, A.
Bekämpfungsversuche im sommer 1927. Schweiz. Zeitschr. Obst- u. Weinbau. 36: 446-452. illus. D.24,1927. no.26.
Control of diseases of fruit trees.

Science. (Lancaster, Pa)

Goodspeed, T.H. & Olson, A.R.
Progenies from x-rayed sex cells of tobacco. Science. 67: 46. Ja.13,1928. no.1724.

Young, H.C. & Williams, R.
Pentathionic acid, the fungicidal factor of sulphur. Science. 67: 19-20. Ja.6, 1928. no.1723.

Scient. Agr. (Ottawa)

Coleman, L.C.
The dead arm disease of grapes in Ontario, a preliminary study. Scient. Agr. 8: 281-315. illus. Ja.1928. no.5.

Greaney, F.J.
Studies on the toxicity and fungicidal efficiency of sulphur dusts in the control of some cereal rusts. Scient. Agr. 8: 316-331. illus. Ja.1928. no.5.

Sitzungsb. Akad. Wiss. Wien. Math.-Naturw. Kl. Abt.I.

Hintringer, A.
Ueber die ablösung der samen von der plazenta, beziehungsweise vom perikarp. Sitzungsb. Akad. Wiss. Wien. Math.-Naturw. Kl. Abt. I. 136: 257-279. 1927. no.5/6.

Kainradl, E.
Beiträge zur biologie von Hydrolea spinosa L.mit besonderer berücksichtigung von fruchtwand und samenentwicklung. Sitzungsb. Akad. Wiss. Wien. Math.-Naturw. Kl. Abt. I. 136: 167-193. illus., pl.i-ii. 1927. no.5/6.

Lämmermayr, L.
Material ien zur systematik und ökologie der serpentinflora. II. Das problem der "serpentinpflanzen"-Eine kritische ökologische studie. Sitzungsb. Akad. Wiss. Wien. Math.-Naturw. Kl. Abt.I. 136: 25-69. 1927. no.1/2.

South African Gard. (Johannesburg)

Bolus, L.
Plants new and noteworthy. South African plants cultivated at the National botanic garden - Kirstenbosch (cont.) (Ixia) South African Gard. 17: 449-450. illus. D.1927. no.12.

South African Gard. (cont.)

Bolus, L.
South African succulents: mesembrianthemum and allied genera (cont.) South African Gard. 17: 433-435. illus. D.1927. no.12.

Bolus, L.
Sphaeroids, dumplins, buttons. Conophytum, N.E. Br. South African Gard. 17: 446. col.pl. D.1927. no.12.

South. Flor. (Fort Worth, Tex.)

Poole, R.F.
Diseases of flowers. South. Flor. 24(10): 10, 19-21. D.9,1927. no.10.

So. Lumberm. (Nashville)

Jareo, J.W.
Blue stain and decay in red gum and other hardwoods. South. Lumberm. 130: 57-58. illus. Ja.7,1928. no.1684.

Succulenta (Leeuwarden)

Karsten, M.
Hoogsucculente mesembrianthema (cont.) Succulenta. 9: 165-167. illus. D.1927. no.12.

Through the Leaves.(Denver)

Thorne, G.
Growers, meet Mr. sugar-beet nematode. Through the Leaves. 16: 15-18. illus. Ja.1928. no.1.

Thorne, G.
Nail the nematode. Through the Leaves. 16: 11-14. illus. Ja.1928. no.1.

Townsend, C.O.
Cultural methods of controlling leaf-spot. Through the Leaves. 16: 19-21. illus. Ja.1928. no.1.

Tidsskr. Planteavl.(København)

Gram, E,Jørgensen, C.A. & Rostrup, S.
Oversigt over sygdomme hos landbrugets og havrebrugets kulturplanter i 1926. Tidsskr. Planteavl. 33: 781-841. 1927. no.5.
English summary (Plant pests and diseases in Denmark 1926): p. 839-841.

Torreya.

Cockerell, T.D.A.
The flora of Siberia. Torreya. 27: 99-103. N./D.1927. no.6.

Denslow, H.M.
Brief notes on local plants. Torreya. 27: 105. N./D.1927. no.6.
Notes from New Jersey, New York and Vermont.

Perkins, A.E.
Notes from Erie County. Torreya. 27: 105-106. N./D.1927. no.6.

Small, J.K.
A new Chamaesyce from tropical Florida. Torreya. 27: 104. N./D.1927. no.6.
Chamaesyce adhaerens, sp.nov.

Small, J.K.
A new pinweed from southern peninsular Florida. Torreya. 27: 103-104. N./D.1927. no.6.
Lechea deckertii, sp.nov.

Trans. Sapporo Nat. Hist. Soc.

Dr. Erwin F. Smith. Trans. Sapporo Nat. Hist. Soc 9: 275-284. port. 1927. no.2.
Publications: p.279-284.
Text in Japanese.

Hiratsuka, N.
On two species of Coleosporium parasitic on the Japanese Compositae. Trans. Sapporo Nat. Hist. Soc. 9: 217-224. O.1927. no.2.
Already entered as reprint.

Hiratsuka, N.
A list of Uredinales collected in the vicinity of Lake Akan, Hokkaido. Trans. Sapporo Nat.Hist.Soc. 9: 225-238. O.1927. no.2.
Already entered as reprint.

Ito, S. & Hiratsuka, N.
Uredinales collected in the Hakkôda Mountain range Prov. Mutsu, Honshu. Trans. Sapporo Nat. Hist. Soc. 9: 259-273. 1927.
Already entered as reprint.

Tatewaki, M.
On the plants collected in the island of Alaid by Hidegorô Itô and Gosaku Komori. Trans. Sapporo Nat. Hist. Soc. 9: 151-192. pl.v-vi. 1927. no.2.

Trans. Sapporo Nat.Hist. Soc. (cont.)
[Toji Nishida] Trans. Sapporo Nat. Hist. Soc. Japan. 9: 285-286. port. 1927. no.2.
Note of death of Dr. Nishida, June 19,1927.
In Japanese (abstract furnished by S.H. Katsura)

Trudy Turkest. Selekts. Stan. (Trans. Turkest. Plant.Breed.Stat.)
Mauer, F.M.
--- Some morphological and physiological characters of seed of the cotton plant and their agricultural significance. Trudy Turkest. Selekts. Stan. (Trans. Turkest. Plant. Breed. Stat.) 6. 33 p. 1927.
Russian with English summary.

U.S. Dept. Agr. Farm. Bull.
Stakman, E.C., Kempton, F.E. & Hutton, L.D.
The common barberry and black stem rust. U.S. Dept.Agr. Farm. Bull. 1544. 28 p. illus. N.1927.

Univ. Calif. Publ. Bot. (Berkeley, Cal.)
Frost, F.H.
The pleistocene flora of Rancho La Brea. Univ. Calif. Publ. Bot. 14: 73-98. pl.15-19. N. 1927. no.3.

Gardner, N.L.
New Rhodophyceae from the Pacific Coast of North America VI. Calif. Univ. Publ. Bot. 14: 99-104. pl.20-36. D.1927.

Verh. Zool.-Bot. Ges. Wien.
Bauer, E.
Laub- und lebermoose von Porto Alegre. Verh. Zool.-Bot. Ges. Wien. 77: 80. S.1927. no.3.

Kautz, H.
Pieris napi L. Verh. Zool.-Bot. Ges. Wien. 77: 44-79. S.1927. no.3.

Vetter, J.
Beiträge zur kenntnis der flora des frossnitztales bei Matrei in Osttirol. Verh. Zool.-Bot. Ges. Wien. 77: 39-44. S.1927. no.3.
Festuca tauricola, nov. spec.

V.10, no.2, p.36.

Véstník Českosl. Akad. Zeměd. (Praha)

Novák, V.

Sir John Russell. Véstnik Československ. Akad. Zeměd. 3: 876-877. port. O.1927. no.8.

Štein, V.

Professor Dimitrij N. Prianišnikov. Věstnik Československ. Akad. Zeměd. 3: 871-876. port. O.1927. no.8.

Stoklasa, J.

K osmdesátým narozeninám čestného člena ČAZ prof. Emila Godlewského (Le quatre-vingtième anniversaire de la naissance du membre honoraire de l'A. T.A., le docteur et proesseur Emile Godlewski) Věstnk Československ. Akad. Zeměd. 3: 707-710. port. Je./Jl. 1927. no.6/7.

Publikace Dr. Emila Godslewského: p.709-710.

Vict. Nat. (Melbourne)

Daley, C.

The history of the Flora australiensis (cont.) Vict. Nat. 44: 213-221. D.1927. no.8.

Williamson, H. B.

The clubmosses of Victoria. Vict. Nat. 44: 222-228. illus. D.1927. no.8.

Vida Agr. (Lima)

López Dominguez, F.A.

El matizado o mosaico de la caña sus síntomas sobre salientes. Vida Agr. 4: 803-806. col.pl. O.1927. no.46.

Visnik Sil'sko Gospod Nauk. (Journ. Agron. Sci. Kharkiv)

Lubarsky, G.

... Soaking of seeds. Visnik Sil's'ko-Gospod. Nauk. (Journ. Agron. Sci. Kharkiv) 4: 48-60. 1927.

Ukrainian.

Wisconsin Hort. (Madison)

Regeimbal, L.O.

Ripening fruits and vegetables with gas. Wisconsin Hort. 18: 93-94, 96. illus. Ja.1928. no.5.

Method found practical in Minnesota.

Rust vs. barberry. Wisconsin Hort. 18: 114-115. illus. Ja.1928. no.5.

Zashch. Rast. Vred. (La Défense Plant. Leningr.)
Rothers, B.V.
... Observations on new parasitic fungi on flax. Zashch. Rast. Vred. (La Défense Plant. Leningr.) 4: 535. 1927.
Russian with Latin diagnosis.
Asochyta usitatissima, n.sp., Mycosphaerella linicola, var.latispora, in northern Russian, Dwina river region.

Zapiski Belorussk. Gosud. Akad. Seljsk. Khoz. (Ann. Weissruth. Staatl. Akad. Landw. Gorky)
Rego, G.
... Eine untersuchungsmethode auf sortenreinheit der gerste und der hafers nach dem korn. Zapiski Belorussk. Gosud. Akad. Sel'sk. Khoz. (Ann. Weissruth. Staatl. Akad. Landw Gorky) 3: 95-117. illus. 1927.
White Russian with German summary.

Renard, K.G.
... Eine fälle von unempfänglichkeit gegen ansteckung durch leinrost, Melampsora lini (Pers.) Lev., bei einigen "reinen linien" des leins. Zapiski Belorussk. Gosud. Akad. Sel'sk. Khoz. (Ann. Weissruth. Staatl. Akad. Landw. Gorky) 3: 64-78. illus. 1927.
White Russian with German summary.

Zeitschr. Bot. (Jena)
Hertzsch, W.
Beiträge zur infektiösen chlorose. Zeitschr. Bot. 20: 65-85. illus. 1927. no.2/3.

Zeitschr. Forst- u. Jagdw. (Berlin)
Weis, Fr.
Peter Erasmus Müller (25.Oktober 1840 - 5. Oktober 1926). Zeitschr. Forst- u. Jagdw. 59: 705-707. D.1927. no.12.

Zeitschr. Pflanzenzucht. (Berlin)
Ausborn, E.
Zur vererbung der braunen spelzfarbe des weizens. Zeitschr. Pflanzenzücht. 13: 69-77. illus. D.1927. no. 1.

Kopetz, L.
Methoden der sorten und leistungsprüfung bei getreide. Zeitschr. Pflanzenzucht. 13: 1-7. D.1927.

Rathlef, H.von.
Vererbungsstudien an der edelrose. Zeitschr. Pflanzenzücht. 13: 9-47. tab. D.1927. no.1.

V.10, no.2, p.38.

Zuckerrübenbau (Hannover)

Mittmann,

Zuckergehalt und ertrag in ihrem einfluss auf den anbauwert der zuckerrübensamensorten. Zuckerrübenbau. 9: 193-196. D.1927. no.12.

Exper. Stat. Publ.

Breazeale, J. F.

Vitamin-like substances in plant nutrition. Arizona Agr. Exp. Stat. Techn. Bull. 16. p.401-417. illus. Ag.1927.

Cathcart, C.S. & Willis, R.L.

Analyses of materials sold as insecticides and fungicides during 1927. New Jersey Agr. Exp. Stat. Bull. 459. 16 p. O.1927.

Sayre, J.D. & Thomas, R.C.

Formaldehyde and iodine dusts for the control of oat smut. Ohio Agr. Exp. Stat. Bi-month. Bull. 13: 19-21. Ja./F.1928. no.1

Tilford, P.E.

Potato dusting and spraying in 1927. Ohio Agr. Exp. Stat. Bimonth. Bull.13: 21-23. Ja./F.1928. no.1.

Barre, H.W.

Plant disease investigations. South Carolina Agr. Exp. Stat. Ann.Rep. 40: 45-50. illus. D.1927.

New Books

Blewitt, A.E.

Flora of Waterbury, Conn. and vicinity. Lancaster, Pa., 1926.

Bonnier, G.

Flore complète illustrée en couleurs de France, Suisse et Belgique. tome 10 par R.Douin. fasc. 92, pl. 547-551. Paris,1927.

Delassus, M. & others.

Les ennemis des cultures fruitières en Algérie et les moyens pratiques de les combattre. Alger, [1927] (Bibliothèque du colon de l'Afrique du Nord)

Mainly on insect pests, some few notes on diseases.

Draghetti, A.

Forme e limiti della xerofitismo nel frumento. Le basi biologiche dell'agricoltura. Forli, Tipografia Valbonesi,1927.

New Books (cont.)

Drewett, F. D.
Latin names of common plants, their pronunciation and history... London, H.F. & G. Witherby 1927.

Güssow, H.T. & Odell, W.S.
Mushrooms and toadstools. An account of the more common edible and poisonous fungi of Canada. Ottawa, 1927.

Hubbard, C.E.
East African pasture plants. II. East African grasses. London,1927.
Publication of Royal gardens, Kew.

Jacob, J.C. s'.
Anorganische beschadigingen bij Pisum sativum L. en Phaseolus vulgaris. Baarn, 1927.
Proefschr. Univ. Utrecht.

Krieger, W.
Zur biologie des flussplanktons. Untersuchungen über das potamoplankton des Havelgebietes. Jena, G. Fischer, 1927 (Pflanzenforschung hrsg. von R. Kolkwitz, heft 10)

Kuphaldt, G.
Die praxis der angewandten dendrologie in park und garten. Berlin, P. Parey, 1927.

Lindfors, T.
Sjukdomar hos våra odlade växter. Stockholm, P.A. Norstedt & söners forlag,1927.

Messedaglia, L.
Il mais e la vita rurale italiana. Saggio di storia agraria. Piacenze, Federazione italiana, dei consorzi agrari,1927.

Nowak, J.I.
Documenta microbiologica. Mikrophotographischer atlas der bakterien, der pilze und der protozoen. 1. th. Bakterien. Jena, G.Fischer, 1927.

Nuernbergk. E.
Untersuchungen über die lichtverteilung in Avenakoleoptilen und anderen phototropisch reizbaren pflanzenorganen bei einseitiger beleuchtung. Ein beitrag zur kritik der bereisführung der Blaauwschen theorie. Jena, G. Fischer, 1927 (Botanische abhandlungen hrsg. von K. Goebel, heft 12)

New Books (cont.)

Oosterhuis, J.
Over de invloed van insectenvoeding op Drosera. Amsterdam, 1927.
Proefschr. Univ. Groningen.

Paravicini, E.
Tropische nutzpflanzen In Karsten, G. Vegetationsbilder, reihe 18, h.2/3. pl.7-18. 1927.

Popenoe, W.
El aguacate y el mango. Tomado del "Manual of tropical and subtropical fruit" ... traducido por Federico G. Morales y Valcarcel, precedido de unas notas geograficas, geologicas y climatologicas del R.P. Mariano Gutierrez Lanza S.J. Habana, Montalvo, Cárdenas y Ca., 1926.

Rawitscher, F.
Die heimische pflanzenwelt in ihren beziehungen zu landschaft, klima und boden. Freiburg, im B., Herder & Co.,1927.

Rocén, T.
Zur embryologie der Centrospermen. Uppsala, Applebergs boktryckeri aktiebolag,1927.
Inaug.-diss. Uppsala.

Roodenburg, J.W.M.
Zuurstofgebrek in den grond in verband met wortelrot. Baarn, 1927.
Proefschr.Univ. Utrecht.

Sandhack, H.A.
Dahlien und gladiolen, ihre beschreibung, kultur und züchtung, eine handbuch für die praxis des berufsgärtners und gartenliebhabers. Berlin, P. Parey, 1927.
Krankheiten und schädlinge der dahlien: p.150-198.
Krankheiten und schädlinge der gladiolen: p.243-268.

Sim, T.R.
Treeplanting in South Africa including the Union of South Africa, Southern Rhodesia, and Portuguese East Africa ... Pietermaritzburg, Natal Witness, 1927.

Trouvelot, B. & Willaume, F.
Manuel-guide des traitements insecticides et fongicides des arbres fruitiers. 2. éd., Paris, P. Lechevalier,1927.

New Books (cont.)

Vilmorin, H.L.de.

Catalogue méthodique et synonymique des variétés de pommes de terre qui ont été cultivées depuis 25 ans à Verrières-le-Buisson. 4me éd. entierement refondue. Paris, Vilmorin-Andrieux et Cie, 1927.

Wyss, C.von.

Living creatures, studies of animal and plant life ... London, A. & C. Black, 1927.

Water plants: p.38-58; The biology of flowers p.171-232; Fruits and seeds: p.338-358; Winter buds of trees and their unfolding: p.359-395; General notes on winter twigs of trees: p.395-401.

Reprints from Journals not yet rec'd or not available.

Nagy, J.

Adatok az Iris-magvak anatómiájának ismeretéhez (Beiträge zur kenntnis der anatomie der iris-samen). Repr. from Bot. Közlem. 24: 30-47. 1927.

BOTANY
CURRENT LITERATURE

ADDITIONS TO THE BOTANICAL CATALOGUE, BUREAU OF PLANT INDUSTRY.
COMPILED FROM PUBLICATIONS RECEIVED IN THE
LIBRARY OF THE UNITED STATES DEPARTMENT OF AGRICULTURE, WASHINGTON, D. C.

Vol. 10, no. 3. Jan.23-Feb.4, 1928.

Acta Horti Gothoburgensis. (Göteborg)

Almqvist, E.
Förekomsten av Taxus baccata L. å Hvalön i Fjällbacka skärgård, Kville s:n, Bohuslän. Acta Horti Gothoburgensis. 3: 25-32. illus. 1927 (Rec'd Ja.1928)

Blom, C.
Bidrag tillkännedomen om Sveriges adventivflora. Acta Horti Gothoburgensis. 3: 143-150. 1927 (Rec'd Ja.1928)

Borgvall, T.
Några växtlokaler från Göteborgstrakten samt från Lerums och Skallsjö socknar i Alvsborgs län. Acta Horti Gothoburgensis. 3: 157-162. 1927 (Rec'd Ja.1928)

Fries, H.
Bidrag till kännedomen om floran i Göteborgs och Bohus län 3. Acta Horti Gothoburgensis. 3:73-98. 1927. (Rec'd Ja.1928)

Frisendahl, A.
Ueber die entwicklung chasmo- und kleistogamer blüten bei der gattung Elatine. Acta Horti Gothoburgensis. 3: 99-142. illus. 1927 (Rec'd Ja.1928)

Magnusson, A.H.
Descriptions of new or not properly defined lichens. Acta Horti Gothoburgensis. 3: 11-23. 1927 (Rec'd Ja.1928).
Biatorella terrena, Ionaspis lavata, Rinodina californica, n.sp.

Ohlsen, R.
Bidrag till kännedom om kärlväxtfloran i Sörbygdens Härad, Bohuslän II. Acta Horti Gothoburgensis. 3: 33-42. 1927 (Rec'd Ja.1928)

Acta Horti Gothoburgensis (cont.)
Plantae sinenses, a Dre. H.S. Smith annis 1921-22 lectae XVII-XIX. Acta Horti Gothoburgensis. 3: 1-10, 65-71, 151-155. illus., pl.i-iv. 1927 (Rec'd Ja.1928)
XVII. Gymnospermae. Von R. Florin. XVIII. Juncacaea. Von G. Samuelsson. XIX. Chenopodiaceae und Amarantaceae. Von C. Blom.

Skottsberg, C.
Einige pflanzen von der Oster-Insel. Acta Horti Gothoburgensis. 3: 163-165. 1927 (Rec'd Ja.1928)

Skottsberg, C.
Iakttagelser över blomningen hos Cyanea hirtella (H.Mann) Rock. Acta Horti Gothoburgensis. 3: 43-55. illus. 1927 (Rec'd Ja.1928)

Skottsberg, C.
Nagra podostemonacéer fran Ceylon. Acta Horti Gothoburgensis. 3: 57-63. illus. 1927 (Rec'd Ja.1928).

Acta Soc. Fauna et Flora Fennica (Helsingfors)
Hjelt, H.
Conspectus florae fennicae. Vol. VII. Dicotyledoneae. Pars. VI. Compositae. Acta Soc. Fauna et Flora Fennica. v.54, 397 p. port. 1926. (Rec'd Ja.1928)

Wainio, E. A.
Lichenographia Fennica. III. Coniocarpeae. Acta Soc. Fauna et Flora Fenn. v.57, no.1, 138 p. 1927 (Rec'd Ja.1928)

Alpe. Riv. For. Ital. (Piacenza)
Peyronel, B.
Catalasi e germinazione dei semi. Alpe, Riv. For. Ital. 14: 364-366. D.1927. no.12.

Amer. Bot. (Joliet, Ill.*
Clute, W.N..
The crown vetch. Amer. Bot. 34: 1-2. Ja. 1928. no.1.
Coronilla varia.

Clute, W.M.
Lychnidia. Amer.Bot. 34: 24. Ja.1928. no.1.

Amer. Bot. (cont.)

Clute, W.N.
The meaning of plant names XXXIII Cichoriaceae. Amer. Bot. 34: 5-9. Ja.1928. no. 1.

Clute, W.M.
Useful plants of the world (cont.) Amer. Bot. v.34, suppl. p. 65-80. Ja.1928. no.1.

Clute, W.N.
Variation in Rudbeckia fulgida. Amer. Bot. 34: 24. Ja.1928. no. 1.

Death of Dr. Felter. Amer. Bot. 34: 30. Ja. 1928. no.1.
Harvey Wickes Felter, 1864-1927.

Diddell, Mrs. W. D.
Yellow jasmine. Amer. Bot. 34: 25-26. Ja. 1928. no.1.
Gelsemium sempervirens.

Miller, R.D.
Pitcher plants. Amer. Bot. 34: 28. Ja.1928. no.1.
Sarracenia sp.

Smith, C.M.
A peculiar example of etiolation. Amer.Bot. 34: 13-15. Ja.1928. no.1.

Soth, Mrs.M.E.
Plants of the barberry family. Amer. Bot. 34: 9-13. Ja.1928. no.1.

Stancliff, J.O.
March flowers of Louisiana. Amer. Bot. 34: 2-4. Ja. 1928. no. 1.

Amer. For. & For. Life. (Wash., D.C.)

Kramer, W.P.
Luquillo - our tropical national forest. Amer. For. & For. Life. 34: 81-83. illus. F.1928. no.410.
In Porto Rico.

Wrinn, M.J.J.
Trees of Southern California. Amer.For. & For. Life. 34: 71-76, 128. illus. F.1928. no.410.

Ann. Epiph. (Paris)

Dufrenoy, J. & Dufrenoy, M.L.

Hadromycoses. Ann. Epiph. 13: 195-212. illus., ii pl. My./Je.1927 (Rec'd Ja.1928) no.3.

"Parmi les affections que peuvent causer aux plantes les champignons, il en est remarquables parce que les tissus ligneux sont électivement infectés. Pour ce type d'infection, Pethybridge, qui l'étudia dans le cas de la verticilliose de la pomme de terre, proposa le terme d'hadromycose".

Ann. Mycol. (Berlin)

Boedijn, K.B.

Notes on some aspergilli from Sumatra. Ann. Mycol. 26: 69-84. illus. 1928. no.1/2.

Ciferri, R.

Quarta contribuzione allo studio degli Ustilaginales. (no.55-126). Ann. Mycol. 26: 1-68. pl. i. 1928. no.1/2.

Sydow, H.

Fungi borneenses. Ann. Mycol. 26: 85-99. 1928. no.1/2.

Sydow, H.

Fungi chilenses a cl. E. Werdermann lecti. Ann. Mycol. 26: 100-126. 1928. no.1/2.

Sydow, H.

Fungi in itinere costaricensi collecti. Additamentum. Ann. Mycol. 26: 127-131. 1928. no.1/2.

Sydow, H.

Novae fungorum species XIX. Ann. Mycol. 26: 132-139. 1928. no.1/2.

Ann. Sci. Nat. Bot. (Paris)

Costantin, J.

La cure d'altitude son emploi et son efficacité en pathologie végétale. Essai d'une théorie de ce phénomène. Ann. Sci. Nat. X,Bot. 9: 299-369. illus. D.1927. no.2.

Kharbush, S.S.

Contribution à l'étude des phénomènées sexuels chez les ustilaginées. Ann. Sci. Nat. X,Bot. 9: 285-297. illus. D.1927. no.2.

Ann. Rep. Dept. Agr. Brit. Columbia.

Eastham, J.W.

Report of the provincial plant pathologist. Ann. Rep. Dept.Agr.Brit.Columbia. 31(1926):35-38. 1927.

Arch. de Bot. Caen Bull. Mens.

Bonati, G.
Sur trois espèces nouvelles du genre. Pedicularis. Arch. de Bot. Caen. Bull. Mens. 1: 217-219. N.1927 (Rec'd Ja.1928). no.11.
P. koueytchensis, P. gagnepainiana, P. rigidiformis.

Chermezon, H.
Structure de la tige chez Actinoschoenus thouarsii Benth. Arch.de Bot. Caen. Bull.Mens. 1: 241-248. illus. D.1927. no.12.

Deflandre, G.
Sur une algue rare Bernardinella bipyramidata Chod. nouvelle pour la flore française. Arch. de. Bot. Caen. Bull. Mens. 1: 220-223. illus. N.1927 (Rec'd Ja.1928). no.11.

Denis, M.
Observations sur les Uapaca malgaches et diagonses d'espèces nouvelles. Arch de Bot. Caen. Bull. Mens. 1: 227-231. N.1927 (Rec'd Ja.1928). no.11.

Litardiere, R.de.
Notes sur quelques bryophytes de la Corse. Arch. de Bot. Caen. Bull. Mens. 1: 248-250. D.1927. no.12.

Litardiere, R.de.
Sur une forme à épillets velus du Festuca ovina subsp. indigesta var. durissima. Arch. de Bot. Caen Bull. Mens. 1: 231-232. N.1927. (Rec'd Ja.1928) no. 11.

Atti Ist. Bot. R. Univ. Pavia.

Bergamaschi, M.
Nuovi richerche sui caratteri di senilità nelle piante. Atti Ist. Bot. R. Univ. Pavia. III, 3: 115-145. 1927.

Bigatti, L.
Appunti di anatomia fisiologica sui rami verdi di Sophora japonica var. pendula. Atti Ist. Bot. R. Univ. Pavia. III, 3: 3-12. col.pl. i. 1927 (Rec'd Ja.1928)

Curzi, M.
De novis eumycetibus. Atti Ist. Bot. R. Univ. Pavia. III, 3: 203-208. pl. xiii-xiv. 1927 (Rec'd Ja.1928)
Longoa n.gen. L. paniculata.

Atti Ist. Bot. R.Univ. Pavia. (cont.)

Curzi, M.
De novis theae micromycetibus pathogensis. Atti Ist. Bot. R. Univ. Pavia. III, 3: 59-72. pl. ii-iii. 1927 (Rec'd Ja.1928)
Diaporthe theicola, Leptosphaeria cavarae, Phyllosticta theicola, Phomopsis theicola, Ascochytella theicola, Septoria theicola, Ramularia theicola all new species found on tea plant in Botanic garden of the University of Pavia.

Curzi, M. & Barbaini, M.
Fungi aternenses, ad fungorum Italicorum cognitionem aliquo incremento augendam digesti ac descripti. Atti Ist. Bot. R. Univ. Pavia. III, 3: 148-202. pl. vi-xii. 1927 (Rec'd Ja.1928)
Massariellops (M. aprutina, Scolecozythia (S.valsivora) new genera and many new species described.

Curzi, M. & Barbaini, M.
Intumescenze e Cladosporium pisi sui legumi di Pisum sativum. Atti Ist. Bot. R. Univ. Pavia. III, 3: 91-105. pl.v. 1927 (Rec'd Ja.1928)
Intumescence not of parasitic nature, the Cladosporium being a saprophyte and identical with C. herbarum.

Curzi, M.
Una moria di giovani piante di pero e un nuovo genere di Pyrenomycetae. Atti Ist. Bot. R. Univ. Pavia. III, 3: 75-90. illus., pl. iv. 1927 (Rec'd Ja.1928)
Montemartinia(n.gen.) myriadea (Sphaeriaceae)

Curzi, M.
Rassegna fitopatologica e operosità nell'anno 1926 della R. Stazione di botanica crittogamica (Laboratorio crittogamico) in Pavia. Atti Ist. Bot. R. Univ. Pavia. III, 3: xlv-lxiv. 1927(Rec'd Ja.1928)

Ferrari, A.
Osservazioni di biometria sul polline delle angiosperme. Atti Ist. Bot. R. Univ. Pavia. III, 3: 13-47. 1927 (Rec'd Ja.1928)

Gioelli, F.
Alcune determinazioni refrattometriche in succhi di piante ammalate. Atti Ist. Bot. R. Univ. Pavia. III, 3: 49-58. 1927 (Rec'd Ja.1928)

Atti Ist. Bot. R. Univ. Pavia. (cont.)

Lombardozzi, E.
Brevi note sopra i funzionamento degli stomi nelle foglie di Hedera helix L. Atti Ist. Bot. R. Univ. Pavia. III, 3: 111-114. 1927 (Rec'd Ja.1928)

Montemartini, L.
Rassegna fitopatologica per l'anno 1925. Atti Ist. Bot. R. Univ. Pavia. III, 3: ix-xxiv. 1927 (Rec'd Ja.1928)

Segagni, A.
Contributo allo studio dell'influenza della luce sullo sviluppo delle cellule e degli stomi nei cotiledoni dell'Helianthus annuus L. v. giganteus. Atti Ist. Bot. R. Univ. Pavia. III, 3: 107-110. 1927. (Rec'd Ja.1928)

De Bergcultures (Batavia, Java.)

Bobilioff, W.
Enkele curiositeiten op Hevea. De Bergcultures. 2: 707-709. illus. D.10, 1927. no.24.

Prillwitz, Ir.P.M.H.H.
Eenige opermkingen betreffende het gebruik van carbolineum. De Bergcultures. 2: 709-710. D.10, 1927. no.24.

Better Crops (N.Y.)

Fromme, F.D.
Drought spot and the salt cure. Better Crops. 10: 25-27, 56-57. illus. Ja.1928. no.2.
Control of wildfire of tobacco with fertilizers.

Better Fruit (Portland, Ore.)

Day, L.H.
Pear blight treatment amplified. Better Fruit. 22(7): 20-21. Ja.1928.

Fisher, D.F. & Brooks, C.
Apple water-core theories revised. (concl.) Better Fruit. 22(7): 14-15, 22, 24-26. Ja.1928.

Bidr. Känn. Finnlands. Nat. o.Folk.

Pipping, M.
Pflanzenphänologische beobachtungen in Finland 1918-23. Bidr. Känn. Finlands Nat. o. Folk. v.80, no.7-8. 1927.

Biochem. Journ. (London)
Hercik, F.
The photocapillary reaction of plant sap. Biochem. Journ. 21: 1253-1258. 1927 (Rec'd Ja.1923) no.6.

Biochem. Zeitschr. (Berlin)
Genevois, L.
Ueber atmung und gärung in grünen pflanzen. II. Biochem. Zeitschr. 191: 147-157. D. 1927. no. 1/3.

Biol. Zentralbl. (Leipzig)
Rischkow, V.
Neue daten über geaderte panaschirung bei Evonymus japonicus und Evon. radicans. Biol. Zentr. 47: 752-764. illus. 1927. no.12.

Stein, E.
Ueber experimentelle umstimmung der reaktionsnorm bei Antirrhinum (Radiomorphose). Biol. Zentr. 47: 708-722. illus. 1927. no.12.

Bol. Mus. Nac. Rio de Janeiro.
Diogo, J.C.
Sobre a estructura do albumen de algumas palmeiras Bol. Mus. Nac. Rio de Janeiro. 3: 1-11. iv.pl. S.1927 (Rec'd Ja.1928) no.3.

Boll. Inform. Econ. Min. Colon. Italy.
Zucco, G.
La distributione della palma da dattori nei cinque continenti. Boll. Inform. Econ. Min. Colon. Italy. 15: 728-743. plates. 1927. no.9/10.

Bot. Mag. Tokyo.
Hayata, B.
On the systematic importance of the stelar system in the Filicales I. Bot.Mag. Tokyo. 41: 697-718. illus. D.1927 no. 492.
Japanese.

Nakai, T.
Notes on Japanese ferns VI. Osmundacaea, Schizaeaceae & Gleicheniaceae. Bot. Mag. Tokyo. 41: 673-696. D.1927. no.492.

Ohki, K.
On the systematic importance of the spodograms of the leaves of the Bambuseaceae. Bot. Mag. Tokyo. 41: 719-731. D.1927. no.492.
Japanese.

Bot. Mag. Tokyo. (cont.)

Yamamoto, Y.
Notae ad plantas Japoniae et Formosae VI. Bot. Mag. Tokyo. 41: 736-737. D.1927. no.492.
Japanese.

Bull. Agence Gén. Colon. France. (Paris)

Heim de Balsac, F., Deforge, A., Maheu, J. & Heim de Balsac, H.
Contribution a l'étude des écorces tannifères de Madagascar (concl.) III. Écorce de "rotra" Eugenia sp. Bull. Agence Gén. Colon. France. 2-: 1164-1174. pl. Ag./S.1927. no.226.

Heim de Balsac, F., Dagand, G.S., Deforge, A. & Heim de Balsac, H.
Les écorces de Melaleuca (myrtacées) "niaouli" de Nouvelle-Calédonie, "tram" de Cochinchine, "sumac" du Cambodge. Bull. Agence. Gén. Colon. France. 20: 1289-1310. pl. O./N.1927 (Rec'd Ja. 1928). no.227.

Bull. Bernice Pauahi Bishop Mus. (Honolulu)

Christophersen, E.
Vegetation of Pacific equatorial islands. Bull. Bernice Pauahi Bishop Mus. no.44. 79 p. vii pl. 1927.
Whippoorwill expedition publ. no.2.

Skottsberg, C.
Artemisia, Scaevola, Santalum and Vaccinium of Hawaii. Bull. Bernice Pauahai Bishop Mus. no.43. 89 p. illus., viii pl. 1927.

Bull. Misc. Inform. Kew. (London)

Dawe, M.T.
Branching in the African oil palm. Bull. Misc. Inform. Kew. 1928: 21-22. pl. 1. Ja.1928. no.1.

Fischer, C.E.C.
Contributions to the flore of Burma V. Bull. Misc. Inform. Kew. 1928: 42-47. illus. Ja.1928. no. 1.

Hill, A. W.
New species of Nototriche from Chile with notes on Malvastrum. Bull. Misc. Inform. Kew. 1928: 17-21. illus. Ja.1928. no.1.
N. pulvinata, N.nana, N.sarmentosa.
Malvastrum nubigena, M. coccineum (by M.L.Green)

Bull. Misc. Inform. Kew. (cont.)

Hutchinson, J. & Dalziel, J.M.
Tropical African plants II. Bull. Misc. Inform. Kew. 1928: 22-32. Ja. 1928. no. 1.

Kraenzlin, F.
Notes on new Caledonian orchids. Bull. Misc. Inform, Kew. 1928: 34-35. Ja.1928. no.1.
Aeranthus sphenochilus, n.sp.

Marsden-Jones, E.M. & Turrill, W. B.
Researches on Silene maritima and S. vulgaris. Bull. Misc. Inform. Kew. 1928: 1-17. illus. Ja. 1928. no.1.

Sprague, T.A.
Diacrodon, a new genus of Rubiaceae from Brazil. Bull. Misc. Inform. Kew. 1928: 32-34. Ja.1928. no.1.
D. compressus.
See also entry on last page

Stapf, O. & Hubbard, C.E.
Notes on African grasses VI. Bull. Misc. Inform. Kew. 1928: 35-41. Ja.1928. no.1.

Bull. Soc. Centr. For. Belgique (Bruxelles)

Delevoy, G.
La fonte des semis ou "Damping off" II. Bull. Soc. Centr. For. Belgique. 34: 497-505. D.1927. no. 12.

Bull. Soc. Dendrol. France. (Paris)

Camus, A.
Un nouvel hybride d'acacia. Bull. Soc. Dendrol. France. 64: 68-69. pl. N.15, 1927 (Rec'd Ja.1928)
Acacia provincialis (A. cyanophylla x retinodes)

Chassagne, M.
Salix hastata L. var. cantalica endémique nouveau des monts d'auvergne. Essai sur son histoire depuis la période glaciaire. Bull. Soc. Dendrol. France. 64: 57-67. pl. N.15, 1927 (Rec'd Ja. 1928)

Bull. Soc. Roy. Bot. Belg. (Bruxelles)

Naveau, R.
Musci Bequaerti. Bull. Soc. Roy. Bot. Belg. 60: 11-56. illus. 1927 (Rec'd Ja.1928) no.1.

Bull. Soc. Roy. Bot. Belg. (cont.)

Beeli, M.

Contribution à l'étude de la flore mycologique du Congo IV. Bull. Soc. Roy. Bot. Belg. 60: 75-87. pl. i-ii. 1927 (Rec'd Ja.1928) no.1.

Robyns, W.

Les espèces du genre Securidaca du Congo Belge. Bull. Soc. Roy. Bot. Belg. 60:88-93. 1927 (Rec'd Ja.1928) no.1.

S. longepedunculata, S. longepedunculata var. angustigolia, var. parviflora, S. welwitschii.

Vernacular names given.

Vandendries, R.

Le comportement sexuel du coprin micacé, dans ses rapports avex la dispersion de l'espece. Bull. Soc. Roy. Bot. Belg. 60: 62-65. 1927 (Rec'd Ja.1928) no.1.

Calif. Citrogr. (Los Angeles)

Shamel, A.D. & Caryl, R.E.

Lemon men told bud selection is of fundamental importance. Calif. Citrogr. 13: 126-127. F. 1928. no.4.

Résumé.

Stanford, H.R.

Psorosis or scaly bark of orange trees. Calif. Citrogr. 13: 112, 136. illus. F.1928. no.4.

Citrus Riv. Camera Agrum. Messina.

Mattei, G. E.

L'agarico degli agrumi. Citrus Riv. Camera Agrum. Messina. 13: 376-377. illus. N.1927 (Rec'd Ja.1928) no. 11.

Armillaria citri.

Compt. Rend. Acad. Agr. France. (Paris)

Nicolas, G.

Le centre de sélection et de génetique de l' Institut agricole de l'Université de Toulouse, en 1926-1927. Compt. Rend. Acad. Agr.France. 14: 59-71. Ja.11, 1928. no. 2.

Schribaux, E.

Un nouveau trieur de cuscuteur pour l'extraction de la grosse cuscute du trèfle et des graines salissantes à surface rugueuse. Compt. Rend. Acad. Agr. France. 14: 54-58. Ja.11, 1928. no.2.

Compt. Rend. Acad. Agr. France. (cont.)

Schribaux, E.

Les travaux de génétique poursuivis en 1926-1927 au service des recherches agronomiques. Compt. Rend. Acad. Agr. France. 14: 22-41. Ja. 1928. no. 1.

Compt. Rend. Acad. Sci. Paris.

Bridel, M. & Picard, P.

Sur le primevéroside de l'acid salicylique. Compt. Rend. Acad. Sci. Paris. 186: 98-99. Ja. 1928. no.2.

Gavaudan, P.

Sur les rapports du vacuome et du système oléifère des jungermanniacées. Compt. Rend. Acad. Sci. Paris. 186: 163-166. illus. Ja.1928. no.3.

Guilliermond, A.

Quelques faits nouveaux relatifs au développement du Spermophthora gossypii. Compt. Rend. Acad. Sci. Paris. 186: 161-163. Ja. 1928. no.3.

Mangenot, G.

Sur la signification des cristaux rouges apparaissant, sous l'influence du bleu de crésyl, dans les cellules de certaines algues. Compt. Rend. Acad. Sci. Paris. 186: 93-95. Ja.1928. no.2.

Morel, A. & Velluz, L.

Contribution à l'etude de la synthèse biochimique des glycérides. Sur la réversibilité de l'action diastasique du cytoplasme de la graine de ricin. Compt. Rend. Acad. Sci. Paris. 186: 43-46. Ja. 1928. no.1.

Varitchak, B.

L'évolution nucléaire chez Ascoidea rubescens Brefeld. Compt. Rend. Acad. Sci. Paris. 186: 96-98. Ja. 1928. no.2.

Compt. Rend. Soc. Biol. Paris.

Chemin, E.

Les mouvements amiboïdes des spores chez quelques floridées. Compt. Rend. Soc. Biol. Paris. 97: 1677-1679. Ja.4, 1928. no.36.

Hocquette, H.

Influence du bord de la mer sur la structure des feuilles d'Atropis maritima. Compt. Rend. Soc. Biol. Paris. 97: 1711-1712. Ja.4, 1928. no.36.

Contr. Labor. Bot. Univ. Montreal.

Marie-Victorin, Fr.
Les gymnospermes du Québec. Contr. Lab. Bot. Univ. Montréal. no.10. 147 p. illus. 1927. (Rec'd Ja.1928)

Marie-Victorin, Fr.
Les équisétinées du Québec. Contr. Lab. Bot. Univ. Montreal. no.9. 137 p. illus. 1927 (Rec'd Ja.1928)

Curt. Bot. Mag.

Curtis's Bot. Mag. v.152, pt.2, col,pl. 9127-9138. Ja. 1928.
Venidium fastuosum. 4 p. pl.9127.
Pleurothallis(?) ophiocephala. 3 p. pl. 9128.
Prunus cantabrigiensis.4 p. pl. 9129.
Celsia bugulifolia. 4 p. pl. 9130.
Abelia triflora. 3 p. pl. 9131.
Rhododendron kotschyi. 4 p. pl. 9132.
Erica pageana. 3 p. pl. 9133.
Photinia prionophylla. 2 p. pl. 9134.
Colchicum cilicicum. 4 p. pl. 9135.
Calystegia tuguriorum. 4 pl. pl. 9136.
Erythraea scilloides. 4 p. pl. 9137.
Primula pinnatifida. 4 p. pl. 9138.

Ecology. (Brooklyn, N.Y.)

Cooper, W.S.
Seventeen years of successional change upon Isle Royale, Lake Superior. Ecology. 9: 1-5. illus., pl. i-ii. Ja.1928. no.1.

Kurz, H.
Influence of Sphagnum and other mosses on bog reactions. Ecology. 9: 56-69. illus. Ja.1928. no.1.

McLean, F.T.
A convenient method of blackening atmometers. Ecology. 9: 108-109. Ja. 1928. no. 1.

Pessin, L.J.
Mycorrhiza of southern pines. Ecology. 9: 28-33. pl. iv. Ja.1928. no. 1.

Empire For. Journ.

Gent, J.R.P. & Moor, H.W.
Forestry conditions in Ho district, Togoland. Empire For. Journ. 6: 238-251. 1927 (Rec'd Ja.1928) no.2.

España Forestal. (Madrid)

Benlloch, M.

La patologia y los jardines. España Forestal. II, 12: 187-188. pl. N./d. 1927 (Rec'd Ja.1928) no.139/140.

Fert., Feed Stuffs & Farm Suppl. Journ. (London)

Robinson, D. H.

The germination of seeds; some practical considerations. Fert., Feed. Stuffs & Farm Suppl. Journ. 13: 5-6. Ja.11, 1928. no.1.

De Fruitteelt (Arnhem)

Gerritzen, Ir.B.

Cultuurzorgen bij zwarte bessen in Engeland. De Fruitteelt. 17: 177-190. illus. D.1927. no.12.

Black currant.

Gard. Chron. (London)

Brown, N.E.

Mesembryanthemum (cont.) Glottiphyllum, Mesembryanthemum. Gard. Chron. III, 83: 13-14, 49. illus. Ja.7,21, 1928. no.2141, 2143.

Dakkus, P.

Corypha utan, Lam. Gard. Chron. III, 83: 27. illus. Ja.14, 1928. no.2142.

Elliott, C.

Chile and the Andes VI. Valparaiso. Gard. Chron. III, 83: 46. Ja.31, 1928. no.2143.

Exell, A. W.

Two new hybrid Cotoneasters. Gard. Chron. III, 83: 44. illus. Ja.21, 1928. no.2143.

C. watereri, C. crispa.

Grove, A.

Lilies in 1927. Gard. Chron. III, 83: 10-12. illus. Ja.7, 1928. no.2141.

Henry, A.

The Chinese swamp cypress, Glyptostrobus. Gard. Chron. III, 83: 9. illus. Ja.7, 1928. no.2141.

M., A.

Foliar anomalies of Ginkgo biloba. Gard. Chron. III, 83: 28. Ja.14, 1928. no.2142.

Todd, E. E.

A revision of violets (cont.) Gard. Chron. III, 83: 48. Ja.21,1928. no.2143.

Gard. Chron. (cont.)

Wallace, R. W.
South American plants. Gard. Chron. III, 83: 46-48. Ja.21, 1928. no.2143.

Ward, F. K.
Mr. F. Kingdon Ward's ninth expedition in Asia. XXIII. A winter's journey to the Lohit. Gard. Chron. III, 83: 28-29. illus. Ja.14, 1928. no.2142.

Wilson, M. & Wilson, M.J.F.
The occurrence of the Dutch elm disease in England. Gard. Chron. III, 83: 31-32. illus. Ja.14, 1928. no.2142.
Graphium ulmi.

Gartenw. (Berlin)

Pape, H.
Eine häufige pilzparasitäre blattfleckenkrankheit der Christrose. Gartenw. 32: 9-10. illus. Ja.6, 1928. no.1.
Coniothyrium hellebori on the Christmas rose and other species of Helleborus.

House & Gard. (Greenwich, Conn.)

Durand, H.
A famour Canadian rock garden. House & Gard. 53(2): 90-91, 146, 148, 150, 154. illus. F. 1928. no.2.
Beside the Lake of the Two Mountains.

Wilson, E.H.
The oak - neglected and misunderstood. House & Gard. 53(2): 102-103, 156, 158, 166. illus. F.1928.

Indische Culturen. (Soerabaja)

Laren, A.J. van.
Het Amerikaansche vliegenvangertje (Dionaea muscipula Ellis). Indische Culturen. 12: 1047-1053. illus. D.16, 1927. no.24.

Izv. Kazansk. Inst. Sel'sk. Khoz i.Lesov. (Nachr. Inst. Land. u. Forstw. Kasan)

Alekseev, A.
... Materialien zur pilzflora der Tatarischen Republic. Izv. Kazansk. Inst. Sel'sk. Khoz. i Lesov. (Nachr. Inst. Land. u. Forstw. Kasan) 3: 60-97. 1927 (Rec'd Ja.1928)
Russian with German summary.

Izv. Kazansk. Inst. Sel'sk. Khoz. i Lesov. (Nachr. Inst. Land. u. Forstw. Kasan)(cont.)

Junitsky, A.A.

... Infection of healthy and scorched trees in the forests of Mary Province from data of the Mary expedition. Izv. Kazansk. Inst. Sel'sk. Khoz. i Lesov. (Nachr. Land. u. Forstw. Kasan) 3: 98-117. 1927 (Rec'd Ja.1928)

Russian with English summary.

Japanese Journ. Bot. (Tokyo)

Enomoto, N.

Further studies on the ever-segragating race in Portulaca grandiflora, L., with special reference to a case of triple allelomorphism. Japanese Journ. Bot. 3: 267-280. 1927 (Rec'd Ja.1928) no. 4.

Hiratsuka, N.

A contribution to the knowledge of the Melampsoraceae of Hokkaidô. Japanese Journ. Bot. 3: 289-322. 1927 (Rec'd Ja.1928) no.4.

Chnoopsora itôana, Phakopsora artemisiae, n.spp.

Kawamura, S.

On the periodical flowering of the bamboo. Japanese Journ. Bot. 3: 335-349. illus. pl.xi. 1927 (Rec'd Ja.1928) no.4.

Ohara, K.

Mikrochemische untersuchungen des mit kupfervitriol imprägnierten holzes von Cryptomeria japonica Don. Japanese Journ. Bot. 3: 323-333. pl.x. 1927 (Rec'd Ja.1928) no.4.

Journ. Agr. Prat. (Paris)

Desprez, F.

Carie et poudrage des semences. Journ. Agr. Prat. n.s., 49(1): 16-17. Ja.7, 1928. no.1.

Sur l'influence du battage et du traitement anticryptogamique sur la faculté germinative du blé.

Journ. Agr. Res.

Artschwager, E.

Wound periderm formation in the potato as affected by temperature and humidity. Journ. Agr. Res. 35: 995-1000. illus. D.1, 1927 (Rec'd Ja. 19, 1928) no.11.

Journ. Agr. Res. (cont.)

Guerrant, N.B.
Some relations of the phospholipins in seeds to other constituents. Journ. Agr. Res. 35: 1001-1019. D.1,1927 (Rec'd Ja.19, 1928) no.11.

Harley, C.P. & Fisher, D.F.
The occurrence of acetaldehyde in Bartlett pears and its relation to pear scald and breakdown. Journ. Agr. Res. 35: 983-993. D.1, 1927. (Rec'd Ja.19, 1928) no.11.

Steiner, G.
Tylenchus pratensis and various other nemas attacking plants. Journ. Agr.Res. 35: 961-981. illus. D.1, 1927 (Rec'd Ja.19, 1928) no.11.

Journ. N.Y. Bot. Gard.

Small, J.K.
The royal-palm - Roystonea regia. Journ. N.Y. Bot. Gard. 29: 1-9. illus. Ja.1928. no.337.
Biographical foot-notes, by J. H. Barnhart.

Journ. Bacteriol.

Jones, L.R. & Rand, F.V.
Erwin Frink Smith, 1854-1927. Journ. Bacteriol. 15: 1-6. port. Ja.1928.

Journ. Chem. Soc. Lond.

Haworth, W.M., Loach, J.V. & Long, C.W.
The constitution of the disaccharides XVII. Maltose and melibiose. Journ. Chem. Soc. London, 1927: 3146-3155. D.1927.

Walker, T.K., Subramaniam, V. & Challenger, F.
The mechanism of the formation of citric and oxalic acids from sugars by Aspergillus niger. Journ. Chem. Soc. London. 1927: 3044-3054. D.1927.

Kiserl. Közlem. (Bull. Stat. Agron. Hongr.) (Budapest)

Bodnár, J.
Búzaköüszög elleni kisérletek Tillantin B és Tillantin C. csávázószerekkel (Feizversuche mit Tillantin B und Tillantin C gegen weizensteinbrand). Kiserl. Közlem. (Bull. Stat. Agron. Hongr.) 30: 263-279. S.1927 (Rec'd Ja.1928) no.3.
Hungarian with German summary.

Kiserl. Közlem. (Bull. Stat. Agron. Hongr.) (Budapest) (cont.)

Bodnár, J.
Csávázási kisérletek nedves higanyos csávazószerekkel (Uspulun, Germisan, Higosan, Agfa) (Beizversuche mit quecksilberhaltigen nassbeizmitteln) Kiserl. Közlem. (Bull. Stat. Agron. Hongr.) 30: 262-274. S.1927 (Rec'd Ja.1928) no.3.
Hungarian with German summary.
Experiments with stinking smut of wheat and flag smut of oats.

Bodnár, J. & Terényi, S.
Egyszeré és gyors analitikai eljárásol növényvédelmi szerek hatóanyagának meghatározása zeliokószitméyekben (Einfache und schnelle analytische methoden zur bestimmung des wirkungssubstanzgehalts von pflanzenschutzmitteln I-) Kiserl. Közlem. (Bull. Stat. Agron. Hongr.) 30: 280-287. S.1927 (Rec'd Ja.1928) no.3.
I. Titrimetrische bestimmung des thalliums in zeliopräparaten.
Hungarian with German summary.

Csete, S.
A cukorrépalevél cercosporás betegségének leküzdésére irányuló kisérletek 1926 évben (Experiments for the control of sugar beet leaf spot disease (Cercospora beticola Sacc.) in year 1926) Kiserl. Közlem.(Bull.Stat. Agron. Hongr.) 30: 205-224. S.1927 (Rec'd Ja.1928) no.3.
Hungarian with English abstract.

Havass, G.
Parthenogenesis és ivarváltozás egyes növényfajoknál (Parthenogenesis und artänderung bein einigen pflanzengattungen) Kiserl. Közlem.(Bull. Stat. Agron. Hongr.) 30: 181-193. illus. Ag. 1927 (Rec'd Ja.1928) no.2.
Hungarian with German summary.

Urbányi, J.
Csávázási kisérletek a "salan" nevu fertötlenitöszerrel (Beizversuche mittels des desinfektionsmittels "salan") Kiserl. Koslem. (Bull. Stat. Agron. Hongr.) 30: 72-97. illus. Ap.1927. no.1. (Rec'd Ja.1928)
Hungarian with German summary.
Experiments with stinking smut.

Korte Meded. Inst. Plantenz. Buitenz.

Schwarz, M.B.

Eenige ziekten van onbekenden aard bij groenbemesters. Korte Meded. Inst. Plantenz. Buitenz. 5. 19 p. illus. [1927] (Rec'd Ja.1928)

English summary (Some diseases of unknown nature observed on green manure crops)

Witches brooms or curly diseases of species of Crotolaria - The curvy disease of Crotolaria anagyroides - Curly disease of Calopogonium mucunoides.

Kosmos (Stuttgart)

Kunstformen aus dem reiche der schleimpilze. Kosmos. 1928: 15-16. illus., col.pl. no. 1.

Landbouwk. Tijdschr. Maanbl. Nederl. Genootsch. Landbouwwetensch. (Amsterdan)

Paerels, J.J.

In memoriam J.H. Wakker. Landbouwk. Tijdschr. Maanbd. Nederl.Genootsch. Landbouwwetensch. 39: 409-410. N.1927. no.470.

No dates given.

Maine Naturalist (Augusta, Me.)

George K. Merrill. Maine Nat. 7: 161-163. port. D.1927 (Rec'd Ja.1928) no.4.

died Oct.21,1927 at 63 years.

Norton, A.H.

Botanical notes from the Milbridge region. Maine Nat. 7: 148-151. D.1927 (Rec'd Ja.1928) no.4.

Southwestern portion of Washington County.

Matières Grass. (Paris)

Corrêa, M.F.

L'huile de Carpotroche. Matières Grass. 20: 8054-8055. Ja.15,1928. no.237.

Carpotroche brasiliensis Endl. (Mayna brasiliensis Radai)

Pieraerts, J., Ipatieff, N., & Simar, E.

Contribution à l'étude chimique des Malvales II. Une bombacée intéressante: le Pachira aquatica Aubl. Sa signification à titre d'oleagineux (suite). Matières Grass. 20: 8056-8058. illus. Ja.15, 1928. no.237.

Meded. Inst. Plantenz. Dept. Landb. &c. Nederl. Ind.
Leefmans, S.
Ziekten en plagen der cultuurgewassen in Nederlandsch-Indië in 1926. Meded. Inst. Plantenz. Dep. Landb. Nederl.-Ind. no.73. 60 p. 1927 (Rec'd Ja.1928)

Meld. Norges Landbruks (Oslo)
Cranner, B.H.
Weitere beiträge zur kenntnis der biochemie und physiologie pflanzlicher zellphosphatide II. Meld. Norges. Landbruks. 7: 611-643. 1927 (Rec'd Ja. 1928) no.10.

Mem. Dept. Agr. Trinidad & Tobago.
Freeman, W.G. & Williams, R. O.
The useful and ornamental plants of Trinidad and Tobago. Mem. Dept. Agr. Trinidad & Tobago. no.4. 198 p. 1927 (Rec'd Ja.1928)

Mitt. Biol. Reichanst. Forst. u. Landw. (Berlin)
Werth, E.
Klima- und vegetations-gliederung in Deutschland. Mitt. Biol. Reichsanst. Land.- Forstw. 33. 40 p. x maps. D.1927.

Mitt. Bot.Mus. Univ. Zürich.
Messikommer, E.
Biologische studien im torfmoor von Robenhausen unter besonderer berücksichtigung der algenvegetation. Mitt. Bot. Mus. Univ. Zürich. 122. 171 p. vi pl. 1927 (Rec'd Ja.1928)

Mitt. Deut. Landw. Ges. (Berlin)
Schlumberger, O.
Prüfung von kartoffelsorten auf ihr verhalten gegen schorf im jahre 1927. Mitt. Deut. Landw. Ges. 43: 33-35. Ja.14, 1928. no.2.

Möller's Deut. Gärtn.-Zeit. (Erfurt)
Frič, A. V.
Dr. pflanzenjäger XIII. Das alter der kakteen. Möllers Deut. Gärtn.-Zeit. 43: 16-17. illus. Ja. 11, 1928. no.2.

Schwantes, G.
Micropterum Schwantes gen.nov. Möllers Deut. Gärtn.-Zeit. 43: 17. Ja.11, 1928. no.2.

Nachrichtenbl. Deut. Pflanzenschutzd. (Berlin)
Goffart, H.
Massnahmen zur bekämpfung der älchenkrankheit an chrysanthemen. Nachrichtenbl. Deut. Pflanzenschutzd. 8: 1-3. Ja.1928. no.1.

Nat. Greenkeeper.

Morley, J.
An anniversary tribute to Dr. Piper. Nat. Greenkeeper. 2: 6-7. port. F.1928. no.2.

Nature (London)

Gatenby, J. B.
Golgi bodies in plant cells. Nature. 121: 11-12. Ja.7, 1928. no.3036.

Sampson, Kathleen.
Disease of grasses caused by Epichloe typhina. Nature. 121: 92-93. Ja.21, 1928. no.3038.
With particular reference to Festuca rubra.

New Zeal. Journ. Agr. (Wellington)

Northcroft, E.F.
The blackberry pest. Control. (cont.) New Zeal. Jour. Agr. 35:369-382. illus. D. 1927. no.6.

North West. Nat. (Arbroath, Scotland)

Dallman, A.A.
Puccinia sonchi Rob. North West. Nat. 2: 259. D.1927.
On sowthistle (Sonchus asper Hill).

Murray, J.
Cumberland mosses (cont.) North West. Nat. 2: 258-259. D.1927. no. 4.

Notes R. Bot. Gard. Edinb.

Handel-Mazzetti, H.
A revision of the Chinese species of Androsace, with remarks on other Asiatic species. Notes R. Bot. Gard. Edinb. 15: 259-298. O.1927. (Rec'd Ja.1928) no.75.

Smith, W.W. & Ward, F.K.
Additional species of Primula from the Burma-Tibet frontier. Notes R. Bot. Gard.Edinb. 15: 299-304. O.1927 (Rec'd Ja.1928) no.75.

Smith, W. W. & Forrest, G.
Some new Asiatic Primulaceae. Notes R. Bot. Gard. Edinb. 15: 247-258. pl. ccxxiii. O.1927 (Rec'd Ja.1928) no. 75.

Tagg, H.F. & Forrest, G.
New species and varieties of Asiatic rhododendrons. Notes R. Bot. Gard. Edinb. 15: 305-320. O.1927 (Rec'd Ja.1928) no.75.

Nuovo Giorn. Bot. Ital. (Firenze)

Cengia-Sambo, M.
Licheni di Rodi II. Nuovo Giorn. Bot. Ital. 34: 829-840. 1927 (Rec'd Ja.1928) no.4.

Chiarugi, A.
L'evoluzione delle cellule del tappeto e la formazione del periplasmodio in alcune Asteraceae. Nuovo Giron. Bot. Ital. 34:783-828. pl. x-xii. 1927 (Rec'd Ja.1928) no.4.

Chiarugi, A.
Poliploidia nel genere "Knautia" (Dipsacacaeae). Nuovo Giorn. Bot. Ital. 34: 864-871. illus. 1927. no.4. (Rec'd Ja.1928) n

Chiovenda, E.
Contributo alla flora della Somalia italiana meridionale. Nuovo Giron. Bot. Ital. 34: 841-847. 1927 (Rec'd Ja.1928) no.4.

Levra, P.G.
Le diatomee del Piemonte. Nuovo Giorn. Bot. Ital. 34: 886-957. pl. xiii. 1927 (Rec'd Ja.1928) no.4.

Minio, M.
Le osservazioni fitofenologiche della rete italiana nel 1926 (annata V) Nuovo Giorn. Bot. Ital. 34: 848-864. 1927 (Rec'd Ja.1928) no.4.

Negri, G.
Recenti contributi alla concenzione sinecologica dei consorzi vegetali. Nuovo Giorn. Bot. Ital. 34: 872-885. 1927 (Rec'd Ja.1928) no.4.

Orchid Rev. (Richmond, England)

Arnold, R.E.
Selenipedium species and hybrids (concl.) Orchid Rev. 36: 14-15. Ja.1928. no.415.

Garnett, C.S.
Studies in orchidology III. Orchid Rev. 36: 11-13. Ja.1928. no.415.

Stevens, A.E.
Orchid growing in smoky districts. Orchid Rev. 35: 3-6. Ja.1928. no.415.

V.10, no.3, p.23.

Pacific Rural Press (San Francisco)
Tesche, W.C.
Progress in chemical control of weeds. Pacific Rural Press. 115: 40. Ja.14,1928. no.2.

Parfum. Mod. (Lyon, France,
Chalot, C.
Le vétiver. Parfum. Mod. 20: 303-305. illus. D.1927. no.12.
Vetiveria zizanioides.

Pflanzenbau. (Berlin)
Noeldechen, J.
Dreijährige trockenbeizversuche. Pflanzenbau. 4: 198-202. Ja.1, 1928. no.13.

Philipp. Agr.Rev. (Manila)
Leon, J.de. & Padollina, F.
The avocado - a valuable fruit. Philipp. Agr. Rev. 20: 349-359. pl.xlviii-lix. 1927 (Rec'd Ja.1928) no.3.

Physis (Buenos Aires)
Brèthes, J.
Cuatro casos de teratología botánica. Physis. 8: 588-590. illus. N.1927 (Rec'd Ja.1928) no.31.
1. Fasciación in Sida rhombifolia. 2. Fasciación in Celtis tala. 3. Anastomosis de tallos in Portulaca oleracea. 4. Hoja cupuliforme.

Doctor Adolfo Doering. Physis. 8: 618-620. port. N.1927 (Rec'd Ja.1928) no.31.

Hauman, L. & Castellanos, A.
Bibliografia botánica argentina, especialmente para los años 1922-1926 (Segundo suplemento a la obra bibliógrafica de F. Kurtz). Physis. 8: 436-467. N.1927 (Rec'd Ja.1928) no.31.
Homenaje al doctor Eduardo L. Holmberg. Physis. 8: 617-618. N.1927. (Rec'd Ja.1928) no. 31.

Marchionatto, J.B.
Una fitonosia nueva (La "koleroga" del café?) Physis. 8: 554-557. illus. N.1927 (Rec'd Ja. 1928) no.31.

Parodi, L.R.
Eduardo Hackel. Physis. 8: 620-625. port. N.1927 (Rec'd Ja.1928) no.31.
Publicaciones: p.622-625.

Physis. (cont.)

Parodi, L.R.
El nombre especifico del "abrojo" y las especies argentinas del género "Xanthium". Physis. 8: 468-480. illus. N.1927 (Rec'd Ja.1928) no.31.

Parodi, L.
Los géneros "Ammi" y "Falcaria" en la Argentina. Physis. 8: 585-587. illus. N.1927. no.31.

Profesor Lucien Hauman. Physis. 8: 615-617. N. 1927 (Rec'd Ja.1928) no.31.

Spegazzini, C.
Gasteromicetas argentinas. Physis. 8: 421-435. N.1927. (Rec'd Ja.1928) no.31.
Bovista? elegans, Geaster ameghinoi, Ghrophragmium carettei, Tylostoma bruchi, T. molfinoanum, n.sp.

Plant & Sugar Manuf. (New Orleans)

Stewart, G.R., Crutchfield, C.L. & Van Brocklin, F.R.
Preliminary studies of the amounts of plant nutrients taken up by Hawaiian cane crops. Plant. & Sugar Manuf. 80: 44-45. Ja.21, 1928.

Proc. K. Akad. Wetensch. Amsterdam.

Gorter, C.J.
On the occurrence of growth-accelerating and growth-retarding substances. Proc. K. Akad. Wetensch. Amsterdam. 30: 728-733. illus. 1927. no.7.
Experiments with oats.

Tendeloo, N.
On the so-called traumatotropic curvatures of oat seedlings. Proc. K. Akad. Wetensch. Amsterdam. 30: 756-760 illus. 1927 (Rec'd Ja.1928) no.7.

Proc. Nat. Acad. Sci.

Goodspeed, T.H. & Olson, A.R.
The production of variation in Nicotiana species but X-ray treatment of sex cells. Proc. Nat. Acad. Sci. 14: 66-69. Ja.15, 1928. no.1.

Pearl, R., Windsor, A.A. & Miner, J.R.
The growth of seedlings of the canteloup, Cucumis melo, in the absence of exogenous food and light. Proc. Nat. Acad. Sci. 14: 1-4. Ja.15, 1928. no. 1.

Showalter, A.M.
The chromosomes of Pellia neesiana. Proc. Nat. Acad. Sci. 14: 63-66. illus. Ja.15,1928. no.1.

Proc. Nat.Acad.Sci. (cont.)
Stadler, L.J.
Genetic effects of X-rays in maize. Proc. Nat. Acad. Sci. 14: 69-75. Ja.15,1928. no.1.

Proc. Roy. Soc. Ser.B. (London)
Briggs, G.E.
A consideration of some attempts to analyse growth curves. Proc. Roy. Soc. Ser.B. 102: 280-285. Ja.1928. no. 717.

Progr. Agr. & Vitic. (Montpellier)
Ravaz, L.
Un cas special de chlorose des vignes américaines greffées. Progr. Agr. et. Vit. 89: 10-12. col.pl. Ja.1, 1928. no. 1.

Rep. Brit. Assoc. Adv.Sci.
Fritsch, F.E.
Some aspects of the present-day investigation of protophyta. Rep. Brit. Assoc. Adv. Sci. 95: 176-190. 1927 (Rec'd Ja.1928)

Rep.Dept. Agr. Govt. Res. Inst. Formosa, Japan.
Sawada, K.
Descriptive catalogue of the Formosan fungi pt. III. Rep. Dept. Agr. Govt. Res. Inst. Formosa, Japan. no.27. 62 p. 4 pl. S.1927 (Rec'd Ja. 1928)
Japanese.

Rev. Gén. Bot. (Paris)
Aubel, E. & Genovois, L.
Les Oxydo-réductions. Rev. Gén. Bot. 40: 53-62. Ja.1928. no.469.

Davy de Virville, A.
L'action du milieu sur les mousses (suite). Rev. Gén. Bot. 40: 30-44. illus., pl.1-18. Ja. 1928. no.469.

Lubimenko, V.
Les pigments des plastes et leur transformation dans les tissus vivants de la plante. 3. Les transformations des pigments des plastes dans le tissu vivant de la plant (suite). Rev. Gén. Bot. 40: 23-29. illus. Ja.1928 no.469.

Magrou, J.
La symbiose chez les plantes supérieures. Rev. Gén. Bot. 40: 45-52. illus. Ja.1928. no.469.

Rev. Gén. Bot. (cont.)

Tronchet, Antonin.
Sur la réduction du nombre des convergents chez les phanérogames ses rapports avec la polycotylie et le développement vasculaire. Rev. Gén. Bot. 40: 1-22. illus. Ja.1928. no.469.

Rev. Gén. Hort. Cult. Fruit. (Paris)

Rolet, A.
Les espéce et variétés de narcisse. Rev. Gén. Hort. Cult. Fruit. 5: 916-918. D.1927. no.56.

Soursac, L.
Maladie de la pourriture du collet de la laitue ou de la chicorée. Rev. Gén. Hort. Cult. Fruit. 5: 915-916. D.1927. no.56.

Rev. Hort. (Paris)

Guillaumin, A.
Les cactées, principales espèces. Rev. Hort. 100: 18-21. illus. Ja.16, 1928. no.1.

Lesourd, F.
Les plus gros arbres des France première ptie. feuillus (cont.) Rev. Hort. 100: 29-31. illus. Ja.16,1928. no.1.

Passy, P.
La maladie du cerisier. Rev. Hort. 100: 21-22. illus. Ja.16,1928. no.1.
Clasterosporium carpophilum.

Rev. Mens. B.A.P. (Buenos Aires)

Riveros, J.E.
La peronospora de la vid (Plasmopara viticola) Daños que causa en San Juan, modo de combatirla. Rev. Mens. B.A.P. 10: 64-68. illus. Ja.1928. no. 122.

Rev. Vitic. (Paris)

Viala, P.
Esca. Rev. Vitic. 68: 5-8. col.pl. Ja.5, 1928. no.1749.

Rhodora (Boston)

Fassett, N.C.
A plant new to Mt. Desert. Rhodora. 29: 253. D.1927 (Rec'd Ja.1928) no.348.
Bidens frondosa var. anomala.

Rhodora. (cont.)

Gress, E.M.
Stipa spartea found in Pennsylvania.
Rhodora. 29: 253. D.1927 (Rec'd Ja.1928) no.348.

Mackenzie, K.K.
Concerning Dilepyrum. Rhodora. 29: 246-247. D.1927 (Rec'd Ja.1928) no.348.

New England botanical club.
Preliminary lists of New England plants. XXXI. Typhaceae, Alismaceae. Rhodora. 29: 247-253. D.1927 (Rec'd Ja.1928) no.348.
Sixth report of the committee on floral areas.

Seymour, F.C.
Additions to the flora of Springfield, Massachusetts. Rhodora. 29: 241-246. D.1927(Rec'd Ja.1928) no.348.

Sbornik Vysoké Skoly Zeměd. Brně, ČSR. Fak. Lesn. (Bull. Ecole Sup. Agron. Brno, RCS. Fac. Silvicult.)

Nádvorník, J.
Váha semen pícních trav a její vztahy ke klíčení a vývoji klíčící rostlinky (Le poids des graines des graminées fourragères et son influence sur la germination et le développement de la plantule en germination) Sborník Vysoké Skoly Zeměd. Brne, ČSR. Fak. Hospod. (Bull. Ecole Sup. Agron. Brno, RČS. Dac. Agr.) C, 9. 65 p. 1927.
Czechoslovakian with Franch résumé.

Picbauer, R.
Addenda ad floram Cechoslovakiae mycologicam III. Sbornik Vysoké Skoly Zeměd. Brně, ČSR. Fak. Lesn. (Bull. Ecole Sup. Agron. Brno, RČS. Fac. Silvicult.) D,7. 25 p. 1927.

Science. (Lancaster, Pa.)

Cambage, R. H.
Origin and development of portion of the Australian flora. Science. 67: 139. F.3, 1928 no. 1727.
Abstract of presidential address before Australasian association for the advancement of science.

Hammett, F. S.
A convenient device for plant solution-culture work. Science. 67: 106-107. Ja.27, 1928. no.1726.

Science (cont.)

Shull, C. A.
Reflection of light from the surfaces of leaves. Science. 67: 107-108. Ja.27, 1928. no. 1726.

Science Progr. (London)

Anderson, V. L.
The flora of the chalk downs. Science Progress. 22: 444-460. illus. pl. Ja. 1928. no. 87.

Scient. Month. (Lancaster, Pa.)

Fairchild, D.
Two expeditions after living plants. The Allison V. Armour expeditions of 1925-27, including two voyages in the especially equipped yacht Utowana. Scient. Month. 26: 97-127. illus. F.1928. no.2.

South. Flor. (Fort Worth, Tex.)

Ruth, A.
A trip to the Ozarks of Arkansas I- South. Flor. 24(15): 10-11, (16): 11, 37; (17): 13-14. Ja.13-27, 1928.

Succulenta (Leeuwarden)

Duursma, G. D.
Obregonia denegrii. Succulenta. 10: 16-17. illus. Ja.1928. no.1.

Karsten, M.
Hoogsucculente mesembrianthema (13). Succulenta. 10: 2-6. illus. Ja.1928. no. 1.

Trans. Roy. Soc. Canada.

Gaiser, L.O.
Chromosome numbers and species characters in Anthurium. Trans. Roy. Soc. Canada. III, 21(V, Biol. Sci.): 1-137. pl.i-xi. Mr.1927 (Rec'd Ja.1928) no.1.

Warren, P.S.
A new cycad from the Kootenay coal measures of Alberta. Trans. Roy. Soc. Canada. III, 21(IV, Geol. Sci.).: 47-50. ii pl. 1927. no. 1.
Ctenis albertensis.

Trudy Prikl. Bot. Gen. i Selsk. (Bull. Appl. Bot. Gen. & Plant Breed.) (Leningrad)

Andreev, V.N.
... Homologische reihen der formen einiger eichen. Trudy Prikl. Bot., Gen. i Selsk. (Bull. Appl. Bot., Gen. & Plant Breed.) 18(2): 371-453. illus. 1927.
Russian with English summary.

Basilevskaja, N.A.
... Bush astragales of the section Ammodendron from central Asia (Essay towards a monographical study). Trudy Prikl. Bot., Gen. i Selsk. (Bull. Appl. Bot., Gen. & Plant Breed.) 18(2): 525-554. illus. (maps). 1927.
Russian with English summary.

Beketovsky, D.
... A contribution to the biological characteristic of Aesculus rubicunda Lois. and Aes. hippcastanum L. Trudy Prikl. Bot. Gen. i Selsk. (Bull. Appl. Bot., Gen. & Plant. Breed.) 18(2): 567-572. D.1927.
Russian with brief English summary.
Experiments by which successful crosses between these two species of Aesculus were obtained.

Georgievsky, S.D.
... Trees and shrubs of Simpferopol. A dendrological survey. Trudy Prikl. Bot., Gen. i Selsk. (Bull. Appl. Bot., Gen. & Plant Breed.) 18(2): 555-566. 1927.
Russian with English summary.

Kern, E.E.
... The cork oak. Trudy Prikl. Bot., Gen. i Selsk. (Bull. Appl. Bot., Gen. & Plant Breed.) 18(2): 455-518. illus. (incl. map). 1927.
Russian with English summary.

Kichunov, N.I.
... Prominent exotic trees and remarkable specimens in the arboretum of the Institute of forestry in Leningrad. Trudy Prikl.Bot., Gen. i Selsk. (Bull. Appl. Bot., Gen. & Plant Breed.) 18(2): 228-246. 1927.
Russian with English summary.

Trudy Prikl. Bot. Gen. i Selsk. (Bull. Appl. Bot. Gen. & Plant Breed.) (cont.)

Maleev, V.P.
... Coniferous trees of the Caucasian and the Crimean coast of the Black Sea (Tsuga, Abies, Cupressus). Trudy Prikl. Bot., Gen. i Selsk. (Bull. Appl. Bot., Gen. & Plant Breed.) 18(2): 67-140. illus. 1927.
Russian with English summary.

Nekrasova, V.L.
... The genus Juglans in Turkestan. Trudy Prikl. Bot., Gen. i Selsk. (Bull. Appl. Bot., Gen. & Plant Breed.) 18(2): 303-360. illus. (incl. maps.) 1927.
Russian with English summary.

Palibin, I.V.
... C.S.Sargent. Trudy Prikl. Bot., Gen. i Selsk. Bot., (Bull. Appl. Bot. & Plant Breed.) 18(2): 1-6. port. 1927.

Palibin, I.V.
... A new form of black pine (Pinus nigra Arnold) from Asia Minor. Trudy Prikl. Bot., Gen. i Selsk. (Bull. Appl. Bot., Gen. & Plant Breed.) 18(2): 7-14. illus. 1927.
Russian with English summary.
P. nigra f. zhukovskyana.

Skorobogatyi, A.F.
... Exotic trees of the southern coast of the Crimea. Trudy Prikl. Bot., Gen. i Selsk. (Bull. Appl. Bot., Gen. & Plant Breed.) 18(2): 141-225. illus. 1927.
Coniferous trees and shrubs.
Russian with English summary.

Strogyi, A.A.
... A few words of Lespedeza bicolor Turcz. Trudy Prikl. Bot., Gen. i Selsk. (Bull. Appl. Bot., Gen. & Plant Breed.) 18(2): 519-524. 1927.
Russian with English summary.

Strogyi, A.A.
... The Manchurian walnut (Juglans manschurica Max.) Trudy Prikl. Bot., Gen. i Selsk. (Bull. Appl. Bot., Gen. & Plant Breed.) 18(2): 247-302. 1927.
Russian with English summary.

Trudy Prikl. Bot. Gen. i Selsk. (Bull. Appl. Bot., Gen. & Plant Breed.) (cont.)

Wulf, E.V.

... Conifers naturalized in the Nikitsky botanical garden on the southern coast of the Crimea. Trudy Prikl. Bot., Gen. i Selsk. (Bull. Appl. Bot., Gen. & Plant Breed.) 18(2): 15-66. illus. 1927.

Russian with English summary.

Die Umschau (Frankfurt)

Henize, H.

Karl von Linné als mensch und naturforscher zu seinem 150 jährigen todestag (10. Januar 1928). Die Umschau. 32: 38-40. port. Ja.7, 1928.

U.S. Dept. Agr. Farm. Bull.

Tisdale, W.H. & Tapke, V.F.

Smuts of wheat and rye and their control. U.S. Dept. Agr. Farm. Bull. 1540. 16 p. illus. D. 1927.

U.S. Dept. Agr. Misc. Publ.

Patch, E.M.

Bread or barberries. U.S. Dept. Agr. Misc. Publ. 7. 14 p. illus. Ja.1928.

U.S. Dept. Agr. Techn. Bull.

Wright, R.C. & Diehl, H.C.

Freezing injury to potatoes. U.S. Dept. Agr. Techn. Bull. 27. 23 p. pl. 1-3. O.1927.

Verh. Bot. Ver. Prov. Brandenb. (Berlin-Dahlem)

Andres, H.

Ludwig Geisenheyner. Verh. Bot. Ver. Prov. Brandenb. 68: 167-175. port. Ap.1927 (Rec'd Dec.) no.3.

Verzeichnis der wichtigsten schriften L. Geisenheyners: p.172-175.

Auer, V.

Die moore Finnlands als biologische bildungen. Verh. Bot. Ver. Prov. Brandenb. 68: 224-236. Ap. 1927 (Rec'd Dec.) no.3.

Bernau, K.

Mulgedium tartaricum im Saalefloren-bezirk? Verh. Bot. Ver. Prov. Brandenb. 68: 237-239. Ap.1927 (Rec'd Dec.) no.3.

Verh. Bot. Ver. Prov. Brandenb. (cont.)

Decker, P.
Eine übersehene Montia. Verh. Bot. Ver. Prov. Brandenb. 69: 57-59. 1927 (Rec'd Ja. 1928)
Montia limosa, n.sp.

Hillmann, J.
Zur flechtenflora der Mark Brandenburg. II. Verh. Bot. Ver. Prov. Brandenb. 68: 189-201. Ap. 1927 (Rec'd Dec.) no.3.

Libbert, W.
Beitrag zur flora der nördlichen Neumark. Verh.Bot. Ver. Prov. Brandenb. 69: 37-56. 1927. (Rec'd Ja.1928)

Libbert, W.
Beitrag zur flora des kreises Osterburg. Verh. Bot. Ver. Prov. Brandenb. 68: 201-212. Ap.1927. (Rec'd Dec.) no.3.

Loeske, L.
Zur systematik der laubmoose. Verh. Bot.Ver. Prov. Brandenb. 69: 30-36. 1927 (Rec'd Ja.1928)

Torka, V.
Zwei wenig bekannte moose. Verh. Bot. Ver. Prov. Brandenb. 68: 187-188. Ap.1927 (Rec'd Dec.) no.3.
Catharinea pallida, Aloina collina nom.nov. = A. longitodtris Torka.

Ulbrich, E.
Roman Schulz. Verh. Bot. Ver. Prov. Brandenb. 68: 176-186. port. Ap.1927 (Rec'd Dec.) no.3.
Verzeichnis der von Roman Schulz veröffentlichen-arbeiten: p.185-186.

Zschacke, H.
Korsische flechten, gesammelt in den jahren 1914-16. Verh. Bot. Ver. Prov. Brandenb. 69: 1-29. 1927 (Rec'd Ja.1928)

Zeitschr. Pflanzenkr. (Stuttgart)

Tubeuf, C.von.
Das schicksal der strobe in Europa. Zeitschr. Pflanzenkr. 38: 1-32. illus. Ja./F.1928. no.1/2.
Veröffentlichungen von Professor von Tubeuf, welche den blasenrost der Weymouthskiefer mehr. weniger eingehend behandeln: p.31-32.

Zeitschr. Sukkulentk. (Berlin)

Gräser, R.
Astophytenkreuzungen und Mendelsche gesetze (cont.) Zeitschr. Sukkulent. 3: 164-167. D.1927. no.8.

Hornig, A.
Etwas über den nutzen der sukkulenten. Zeitschr. Sukkulent. 3: 148-151. D.1927. no. 8.

König, G.
Rhipsalis gaertneri Vpl. Zeitschr. Sukkulent. 3: 163. col.pl.3. D.1927. no. 8.

Schick, C.
Conophytum tischeri Schick. Zeitschr. Sukkulent. 3: 158-159. illus. D.1927. no. 8.

Schmidt, V.
Einiges über die phyllokakteen. Zeitschr. Sukkulent. 3: 161-163. D.1927. no.8.

Tischer, A.
Vier neue mesembrianthemen. Zeitschr. Sukkulent. 3: 151-155. illus. D.1927. no.8.
Conophytum corniferum, C. cordatum, C. pygmaeum, Cheiridopsis gibbossa.

Weingart, W.
Die fiederstacheln der Mamillaria plumosa Web. Zeitschr. Sukkulent. 3: 155-156. D.1927. no. 8.

Exper. Stat. Publ.

Schmitz, H. & Jackson, L.W.R.
Heartrot of aspen, with special reference to forest management in Minnesota. Minnesota Agr. Exp. Stat. Techn. Bull. 50. 43 p. Ag.1927. (Rec'd F.1928)
Fomes igniarius responsible for most of the loss ude to decay in Minnesota.

Killough, D.T. & McNess, G.T.
Varieties of cotton for east central Texas. Texas Agr. Exp. Stat. Bull. 369. 52 p. D.1927 (Rec'd F.1928)

State Publications.

Massachusetts - Department of Agriculture, Div. Plant pest control.
Destroy black currants. Dept. Publ. Mass. Dept. Agr. no.132. 4 p. illus. Ap.1927.

State Publications (cont.)

Vaughan, R.E. & Brann, J.W.
Healthy potatoes, how to produce them. Circ. Extens. Serv. Coll. Agr. Univ. Wisc. no.218. 23 p. illus. N.1927 (Rec'd Ja.1928)

New Books.

Baechler, L.
Chemische untersuchungen über die früchte von Crataegus oxyacantha L. (Monographie der mehlbeeren) Colmar, 1927.
Inaug.-diss.-Basel.

Conti, G.
Selezione dei grani duri. Bari, Società Tipografica editrice Barese, 1927.
Triticum durum.

Djordjevic, P.
... Les causes du dépérissement de nos chênes. 1927.
Servian.
Armillaria mellea.

Freckmann, W. & Brouwer, G.
Atlas der samenkunde. Neudamm, J., Meumann, 1927.

Gayral, F.
Influence des radiations sur la nutrition de l'Aspergillus niger. Toulouse, Les frères Douladoure, 1926.

Heyneck, O.
Das buch vom Chrysanthemum. 2. aufl. Frankfurt-Oder, [1927].

House, H.D. & Alexander, Wm.F.
... Flora of the Allegany state park region. Albany, University of the state of New York, 1927. (new York state museum handbook 2)

Jones, H.A. & Rosa, J.T.
Truck crop plants. N.Y., McGraw-Hill, 1928.
Diseases treated under each plant.

McIntosh, T.P.
The potato, its history, varieties, culture and diseases. Edinburgh, Oliver & Boyd, 1927.

New Books. (cont.)

Meinel, K.
Ueber das vorkommen von säuren in der pflanzlichen zellmembran. [München] 1927.
Inaug.-diss. München.

Migula, W.
Die pilze von Deutschlands, Deutsch-Oesterreich, Tschechoslovakei, Ungarn, dem chemaligen Deutsch-Polen und der Schweiz... Neue billige und unverkürtze lieferungsaugabe für studierende und schulen. lfg. 1-6. Berlin-Lichterfelde, H. Bermühler verlag, [1927]
Student's edition of his Kryptogamen-flora which is v. 8 of Thome's Flora von Deutschland...

Nakai, T.
Flora sylvatica koreana pars XVI. Araliaceae & Cornaceae. Keijo, Japan, S. 1927.

Partridge, W.
Dictionary of bacteriological equivalents. French-English, German-English, Italian-English, Spanish-English. London, Baillière, Tindall & Cox; Baltimore, Williams & Wilkins, 1927.

Standley, P.C. & Calderón, S.
Lista preliminar de las plantas de el Salvador 2. suplemento. San Salvador, Imprenta nacional, 1927.

Thor, R.
Untersuchungen über schale- und stärkeeigenschaften der kartoffel. Göttingen, 1926.
Inaug.-diss. Göttingen.

Trappmann, W.
Schädlingsbekämpfung... Leipzig, S. Hirzel, 1927 (Chemie und technik der gegenwart hrsg. von W. Roth. bd. VIII)

Walter, H.
Einführung in die allgemeine pflanzengeographie Deutschlands. Jena, G. Fischer, 1927.

Translations available in the Bur. of Plant Industry Library.

Brizi, U.
Una malattia bacterica dell'Apium graveolens L. (A bacterial disease of Apium graveolens L.) Centralbl. Bakt. Abt. 2, 3: 575-579. N.1897.

Reprints from Journals not yet rec'd or not available.

Foex, E.

Les maladies du châtaignier. Orléans, 1926.

Reprinted from Premier Congrés national de la châtignier.

Kawecka, B.

Etudes sur la pollen des poiriers et des pommiers. Reprinted from Bull. Acad. Polon. Sci. et Lettr. Cl. Sci. Mat. et Nat., B. Sci. Nat. 1925: p.847-876. 1926.

Kawecka, B.

Ueber die veränderlichkeit des pollens bei einigen Oenotheren. Bull. Acad. Polon. Sci. et Lettr. Cl. Sci. Math. et Nat., B, Sci. Nat. 1926. p.329-359. tables. 1926.

Bull. Misc. Inform. Kew (Entry omitted on p. 10)

Sprague, T.A.

Camphorina and Septina. Bull. Misc. Inform. Kew. 1928: 41-42. Ja.1928.

Both published without descriptions and so invalid.

BOTANY
CURRENT LITERATURE

ADDITIONS TO THE BOTANICAL CATALOGUE, BUREAU OF PLANT INDUSTRY,
COMPILED FROM PUBLICATIONS RECEIVED IN THE
LIBRARY OF THE UNITED STATES DEPARTMENT OF AGRICULTURE, WASHINGTON, D. C.

Vol. 10, no.4. Feb. 6-18, 1928.

Acta Horti Bot. Latv. (Riga)

Abele, K.
Studies in the changes of the volume of cells during division. Acta Horti Bot. Latv. 2:45-50. illus. 1927. (F.1928) no.2/3.

Malta, N.
Uebersicht der moosflora des Ostabaltischen gebietes II. Laubmoose. Acta Horti Bot. Latv. 2: 19-36. illus. 1927. (Rec'd F. 1928) no.1.

Malta N.
Die Ulota-arten Süd-Amerikas. Acta Horti Bot. Latv. 2: 165-208. illus., ii pl. 1927 (Rec'd F.1928)

Ozolina, E.
Tatramerie bei Rubus chamaemorus L. Acta Horti Bot. Latv. 2: 1-18. illus. 1927 (Rec'd F.1928) no.1.

Skuja, H.
Beobachtungen an einer Sphaeroplea annulina (Roth) Ag. vegetation in Lettland. Acta Hort. Latv. 2: 37-39. 1927 (Rec'd F.1928) no.1.

Skuja, H.
Ueber die gattung Furcilia Stokes und ihre systematische stellung. Acta Horti Bot. Latv. 2: 117-124. illus. 1927. no.2/3

Skuja, H.
Vorarbeiten zu einer algenflora von Lettland III. Acta Horti Bot. Latv. 2: 51-116. ii pl. 1927. no. 2/3.

Vilcins, M. & Abele, K.
On the development of pollen and embryosac of Papaver rhoeas L. Acta Horti Bot. Latv. 2: 125-132. illus. 1927. no.2/3.

Zamels, A. & Paegle, B.
Untersuchungen uber den anatomischen bau der blattstiele in der gattung Pulsatilla Tourn. Acta Horti.Bot. Latv. 2: 133-164. illus. 1927. no.2/3.

Acta Horti Bot. Latv. (Cont.)

Zamels, A.
Verbreitung der Pulsatilla patens (L.) Mill. in Lettland. Acta Horti Bot. Latv. 2: 39-44. 1927 (Rec'd F.1928) no.1.

Agr. Journ. India (Calcutta)

Kasargode, R. S.
A method of growing normal plants of cotton for observation and the behaviour of Broach cotton under these conditions at Surat. Agr. Journ. India 22: 442-445, pl. xl-xli. N.1927. no.6.

Amer. Fruit Grow. Mag. (Chicago)

Day, L. H.
Zinc chloride for pear blight cankers. Amer. Fruit Grow. Mag. 48(2): 15. F.1928.

Pickford, I.T.
When it rains, look out for scab. Amer. Fruit Grow Mag. 48(2): 9, 39. F.1928.

Amer. Journ. Bot.

Blake, S. F.
Review of the genus Diplostephium. Amer. Journ. Bot. 15: 43-64. Ja.1928. no.1.

Farr, C. H.
Studies on the growth of root hairs in solutions. IV. The PH-molar-rate relation for collards in calcium chlorid. Amer. Journ. Bot. 15: 6-31. Ja. 1928. no. 1.

Guthrie, J. D.
A stable colorimetric standard for chlorophyll determinations. Amer. Journ. Bot. 15: 86-87. Ja. 1928. no.1.

Johnson, E. L.
Growth and germination of sunflowers as influenced by X-rays. Amer. Journ. Bot. 15: 65-76. illus. Ja. 1928. no. 1.

Karling, J. S.
Studies in the chytridiales I - Amer. Journ. Bot. 15: 32-42. pl. Ja.1928. no.1.
I. The life history and occurrence of Entophlyctis heliomorpha (Dang.) Fischer.

Amer. Journ. Bot. (cont.)

Pollock, J.B. & Bartlett, H.H.
Frederick Charles Newcombe, 1858-1927. Amer. Journ. Bot. 15: 1-5. port. Ja. 1928. no.1.

Priode, C.N.
Further studies in the ring-spot disease of tobacco. Amer. Journ. Bot. 15: 88-93. illus. Ja. 1928. no. 1.

Purdy, H.A.
The improbability of tobacco mosaic transmission by slugs. Amer. Journ. Bot. 15: 100-101. illus. Ja.1928. no. 1.

Purdy, H.A.
Multiplication of the virus of tobacco mosaic in detached leaves. Amer. Journ. Bot. 15: 94-99. illus. Ja.1928. no.1.

Schaffner, J.H.
Further experiments in repeated rejuvenations in hemp and their bearing on the general problem of sex. Amer. Journ. Bot. 15: 77-85. Ja.1928. no.1.

Amer. Potato Journ. (Wash., D.C.)

Blodgett, F.M.
A preliminary experiment using calomel as a dip treatment of seed potatoes. Amer. Potato Journ. 5: 6-8, 10-12, 21. Ja.1928. no.1.

Amer. Produce Grow. (Chicago)

Martin, W. H.
Organic mercury compounds as seed potato disinfectants. Amer. Prod. Grow. 3: 9, 16. F. 1928. no.1.

Ann. Ecole Nat. Agr. Montpellier.

Ravaz, L. & Verge, G.
La vigne en 1926, maladies, accidents divers, coulure, sécheresse, etc. Ann. Ecole Nat. Agr. Montpellier. n.s., 19: 81-99. illus. 1927 (Rec'd F.1928) no.2.

Ann. Inst. Nat. Agron. (Paris)

Bussard, L.
Jules Nanot. Ann. Inst. Nat. Agron. 20: 69-75. port. 1927.

Viala, P. & Marsais, P.
Sclériase des raisins (Sordaria uvicola, spec. nov.) Ann. Inst. Nat. Agron. 20: 76-135. illus. 1927.

V.10, no.4, p.4.

Arch. Bot. Sist. Fitogeogr. e Genetica. (Forli)

Agostini, A.

Contribuzione alla flora micologica del Senese II. Arch. Bot. Sistematica, Fitogeogr. e Genetica. 3: 165-174. illus. O./D. 1927 (Rec'd F.1928) no.3/4.

Battistini, M.

Giuseppe Casabona botanico fiammingo a servizio del medici e le sue relazioni con Carlos Clusio. Arch. Bot. Sistematica, Fitogeogr. e Genetica. 3: 191-202. O./D. 1927 (Rec'd F. 1928) no.3/4.

Béguinot, A. & Vaccari, A.

Le piante vascolari sinora note per l' isola Tavolara e considerazioni fitogeografiche sulle stesse. Arch. Bot. Sistematica, Fitogeogr. e Genetica. 3: 269-290. pl.x-xi. O./D.1927 (Rec'd F.1928) no.3/4.

Figini, G. P.

Osservazioni statistiche sui fiori di "Anemone hepatica" L. in rapporto alle condizioni ambientali. Arch. Bot., Sistematica, Eitogeogr. e Genetica. 3: 203-225. O./D.1927 (Rec'd F.1928) no.3/4.

Negodi, G.

Il processo di disseminazione in "corydalis acaulis" (Wulf.) Pers. e nelle specie affini ("C. lutea" (L.) DC e "C. ochroleuca" Koch). Arch. Bot. Sistematica, Fitogeogr. e Genetica. 3: 258-268. illus. O./D 1927 (Rec'd F.1928) no.3/4.

Trotter, A.

Il botanico Carlo Spegazzini. Arch. Bot. Sistematica, Fitogeogr. e Genetica. 3: 226-257. pl. ix (port.) O./D.1927 (Rec'd F.1928) no.3/4.

Pubblicazioni del Prof. Carlo Spegazzini: p.249-256.

Atti R. Accad. Lincei VI, Rend. Cl. Sci. Fis. Mat. e Nat. (Rome)

Savelli, R.

Frutti di due varietà portati dalla stessa pianta. Atti R. Accad. Naz. Lincei VI Rend. Cl. Sci. Fis., Mat. e Nat. 6: 431-434. illus. N.1927 (Rec'd F.1928) no.10.

Lagenaria vulgaris.

Beih. Repert Spec. Nov. (Dahlem)

Knuth, R.

Initia florae venezuelensis Lfg.4, Beih. Repert. Spec.Nov. v.43, no.4, p.481-640. N.1927(Rec'd F.1928)

Beitr. Biol. Pflanz. Cohn. (Breslau)

Dostál, R.

Ueber die rhythmikabhängigkeit der morphogenen beziehungen zwischen speicher- und absorptionswurzeln bei Ficaria verna. Beitr. Biol. Pflanzen Cohn. 15:376-416. illus. pl.vii. 1927. (Rec'd F.1928) no.3.

Bausteine zu einer monographie von Ficaria von Hubert Winkler.6.

Fischer, H.

Bau und eigenschaften pflanzlicher kolloide. Grundlinien zu einer "näturlichen" kolloidtheorie. Beitr. Biol. Pflanzen Cohn. 15: 327-356. 1927 (Rec'd F.1928) no.3.

Gaidukov, N.

Ueber ablauftheorie. Beitr. Biol. Pflanzen. Cohn. 15: 357-376. 1927 (Rec'd F.1928) no.3.

Härdtl, H.

Licht und schwerkraft in ihrer wirkung auf die stellung des blattes. Beitr. Biol. Pflanz. Cohn. 15: 275-326. pl.v-vii. 1927 (Rec'd F.1928) no.3.

De Bergcultures (Batavia, Java)

Reydon, G. A.

Een eenvoudige werkwijze voor het opsporen van wortelaaltjes. De Bergcultures. 2: 799-800. illus. D.31,1927. no.27

Steinmann, A.

Verdere gegevens omtrent Rhizoctonia bataticola in Ceylon. De Bergcultures. 2: 827-829. Ja.7, 1928. no.28.

Ber. Deut. Bot. Ges. (Berlin)

Gäumann, E.

Der jahreszeitliche verlauf des kohlehydratgehaltes in tannen- und fichtenstamm. Ber. Deut. Bot. Ges. 45: 591-597. D.1927. no.9.

Gilg, E. & Schürhoff, P.N.

Antikritisches zur kritik von Mez zu unserer veröffentlichung: Unsere erfahrungen über die brauchbarkeit der serodiagnostik für die botanische verwandtschaftsforschung. Ber. Deut. Bot. Ges. 45: 602-606. D.1927. no.9.

Ber Deut. Bot.Ges. (cont.)

Heitz, E.
Geschlechtschromosomen bei Pellia Fabbroniana (diöcisch) und P. epiphylla (monöcisch). Ber. Deut. Bot. Ges. 45: 607-610. illus. D.1927. no.9.

Huber, B.
Zur methodik der transpirationsbestimmung am standort. Ber. Deut. Bot. Ges. 45: 611-618. D.1927. no.9.

Ivanow, S.
Die Halphensche reaktion auf baumwollsamenöl als allgemeine reaktion für öle der familien Malvaceae, Tiliaceae und Bombacaceae. Ber. Deut. Bot. Ges. 45: 588-591. D.1927. no.9.

Ivanow, S.
Zur physiologie der korolle. Ber. Deut. Bot. Ges. 45: 582-587. D.1927. no.9.

Schmidt, E.W.
Zur mosaikkrankheit der zuckerrübe. Ber. Deut. Bot. Ges. 45: 598-601. illus. D.1927. no.9.

Ber. Deut. Chem. Ges. (Berlin)

Klason, P.
Beiträge zur konstitution des fichtenholz-lignins VI. Ueber die identität von -lignin-hydrosulfonsäure und coniferylaldehyd-hydro-sulfonsäure. Ber. Deut. Chem. Ges. 61: 171-176. Ja.1928. no.1.

Lippmann, E.O. von.
Kleinere pflanzenchemische mitteilungen. Ber. Deut. Chem.Ges. 61:222-223. Ja.1928. no.1.
I. Vorkommen von citronensäure und glykonsäure.
II. Vorkommen von tricarballylsäure.

Biol. Zentralbl. (Leipzig)

Guttenberg, H. von.
Die theorie der mitogenetischen strahlen. Biol. Zentralbl. 48: 31-39. 1928. no.1.

Blumen. u. Pflanzenb. (Berlin)

Die bekämpfung der aelchen. Blumen. u. Pflanzenbau. 43: 13. Ja.11, 1928. no.1.

Lindner, W.
Erica carnea (herbacea) die schneeheide. Blumen u. Pflanzenbau. 43: 6-8. Ja.11, 1928. no.1.

Bol. R. Soc. Espan. Hist. Nat. (Madrid)
Ruiz de Azúa, J.
Datos pteridológicos de los Pirineos centrales. Bol. R. Soc. Espan. Hist. Nat. 27: 390-397. N. 1927. no.9.

Boll. Uff. R. Staz. Sper. Ind. Pelli Napoli-Torino.
Bravo, G. A.
Sull'utilizzazione della corteccia del pioppo come sostanza conciante. Boll. Uff. R. Staz. Sper. Ind. Pelli Torino-Napoli. 5:387-402. pl. D.1927. no.12.

Schiaparelli, C. & Bussino, G.
Sulla natura chimica della concia vegetale. Boll.Uff. R. Staz. Sper. Ind. Pelli Torino-Napoli. 5: 343-361. D.1927. no.12.

Bot. Közlem. (Budapest)
Benkovits, K.
A.m. kir. bánya és erdömérnoki fö'iskola botanikus kertje és növénytani intézete. Bot. Közlem. 24: 183-195. illus. 1927. no.5/6.
German résumé (Das botanische institut und der botanische garten der Kgl. Ung. hochschule fur berg- und forstwesen in Sopron): p.(46)-(49).

Degen, A.
Az Euphrasia suecica Murb. et Wettst. elöfordulása erdélyben. Bot. Kozlem. 24: 153-154. 1927. no.5/6.
German résumé (Ueber das vorkommen der Euphrasia suecica Murb. et Wettst. in Siebenbürgen): p.(41).

Margittai, A.
Akatok az északkeleti felvidék flórájához. Bot. Kozlem. 24: 154-164. 1927. no.5/6.
German résumé (Beiträge zur flora des nordöstlichen hochlandes in Ungarn): p. (41)-(42).

Noga, T.
A mangan szerepe a növények anyagcseréjében. Bot. Közlem. 24: 164-176. 1927. no.5/6.
German résumé (Die rolle des mangans im stoffwechsel der pflanze): p.(42)-(44).

Szemer, L.
Hazánkböl újabban kimutatott lemesesbélésú gombák Bot. Közlem. 24: 178-181. 1927. no.5/6.
German résumé (Neuere daten zur agaricineen-flora von Ungarn): p.(45).

Bryologist (Pittsburg)

Campbell, D. H.
Collecting liverworts in Hawaii. Bryologist. 30: 97-101. N.1927 (Rec'd F.1928) no.6.

Cheney, L.S.
Notes on interesting Wisconsin mosses. Bryologist. 30: 104-105. N.1927. (Rec'd F.1928) no. 6.

Dixon, H.N.
Hymenostylium xanthocarpum (Hook.) Brid. Bryologist. 30: 106-109. N.1927 (Rec'd F.1928) no.6.
H. xanthocarpum, a slight color variety of H. curviroste or rather of one of its varieties, probably var. microcarpon.

Holzinger, J.M.
Charles Fuller Baker. Bryologist. 30: 114. N.1927 (Rec'd F.1928). no.6.

Williams, R. S.
Oxyrrhynchium rappii sp.nov. Bryologist. 30: 102-103. illus. N.1927 (Rec'd F.1928) no.6.

Bull. Imp. Inst. Gt. Brit. (London)

Tanning materials of the British Empire pt. II. Bull. Imp. Inst. Gt. Brit. 25: 380-403. Ja. 1928. no.4.

Bull. Soc. Bot. Genève.

Leemann, A.
Contribution à l'étude de l'Asarum europaeum L. avec une étude particulière sur le développement des cellules sécrétrices. Bull. Soc. Bot. Genève. II, 19: 92-173. illus. (incl. map) pl.ii-iv. Ja./O. 1927 (Rec'd F.1928) no.1.

Oettli, M.
Recherches expérimentales sur cinq espèces élémentaires d'Ankistrodesmus. Bull. Soc. Bot. Genève. II, 19: 1-94. illus. pl.i. Ja./O.1927. (Rec'd F.1928) no.1.

Price, B.
Recherches sur les espèces élémentaires dans le genre Mucor (Mucor hiemalis). Bull. Soc. Bot. Genève. II, 19: 174-191. pl. Ja./O. 1927 (Rec'd F.1928)

Bull. Soc. Chim. France. (Paris)
Fabre, R.
Notice sur Giacomo Ciamician. Bull. Soc. Chim. France. IV, 41/42: 1562-1566. D.1927.

Canning Trade (Baltimore)
Woodbury, C. G.
Mexican beetle, bean diseases, and seed sources. Canning Trade. 50(26): 57-60. port. F.13, 1928.

Chrysanthème (Lyon)
Fraigneux, R.
La maladie vermiculaire du chrysanthème. Chrysanthème. 30: 918-922. illus. D.1927. no.223.
From Revue horticole suisse.

Compt. Rend. Acad. Agr. France. (Paris)
Gard, M.
Sur le traitement de l'apoplexie de la vigne par l'arseniate de soude. Compt. Rend. Acad. Agr. France. 14: 90-94. Ja.18, 1928. no.3.

Compt. Rend. Acad. Sci. Paris.
Bertrand, G. & Rosenblatt, M.
Sur la présence générale du sodium chez les plantes. Compt. Rend. Acad. Sci. Paris. 186: 200-202. Ja.23, 1928. no.4.

Coupin, H.
Sur la nutrition carbonée d'une mucorinée, le Rhizopus nigricans. Compt. Rend. Acad. Sci. Paris. 186: 251-253. Ja.23, 1928. no.4.

Dop, P. & Duffas, F.
Sur les calices aquifères des Clerodendron. Compt. Rend. Acad. Sci. Paris. 186: 320-321. Ja. 30,1928. no.5.

Kharbush, S. & Eftimiu, P.
Sur les phénomènes de réduction chromatique dans la famille des érysiphacées. Compt. Rend. Acad. Sci. Paris. 186: 321-323. Ja.30,1928. no.5.

Maire, R. & Emberger, L.
Vue d'ensemble de nos connaissances phytogéographiques du Maroc II. Les régions, domaines et secteurs. Compt. Rend. Acad. Sci. Paris. 186: 282-284. Ja.30,1928. no.5.

Compt. Rend. Acad. Sci. Paris (cont.)

Sauvageau, C.
Sur les adélophycées du Litosiphon. Compt. Rend. Acad. Sci. Paris. 186. 279-282. Ja.30, 1928. no.5.

Compt. Rend. Soc. Biol. Paris.

Sachs-Skalinska, M. & Cuchtman, S.
Etude du noyau d'une race polymorphe de Petunia. Compt. Rend. Soc. Biol. Paris. 98: 67-69. illus. Ja.13, 1928. no.1.

Sartory, A., Sartory, R. & Meyer, J.
Contribution a l'étude biologique de l' Aspergillus fumigatus Fresenius issu de souches sexuées et asexuées. Compt. Rend. Soc. Biol. Paris. 98: 215-221. illus. Ja.27, 1928. no.3.

Compt. Rend. Soc. Phys. & Hist. Nat. Genève.

Chodat, R. & Schopfer, W.-H.
Carotine et sexualité. Compt. Rend. Soc. Phys. & Hist. Nat. Genève. 44:176-179. Ag./D. 1927.

Chodat, F.
Résultats d'une enquête atmométrique au jardin Alpin "La Linnaea". Compt. Rend. Soc. Phys. & Hist. Nat. Genève. 44: 126-127. Ag./D.1927. no.3.

Contr. U.S. Nat. Herb.

Standley, P.C.
Flora of the Panama Canal zone. Contr.U.S. Nat. Herb. v.27. 416 p. illus., 66 pl. Ja.31, 1928.
Vernacular names given.

Country Life (London)

Cox, E.H.M.
Primulas for the wild garden. Country Life. 63(Suppl.): xxxvi, xxxviii, xl. illus. Ja.28, 1928. no.1619.

Taylor, G.C.
Hedge plants and their uses. Country Life. 63(Suppl.): xl, xlii, xliv. illus. F.4, 1928. no.1620.

Curiamo Piante (Milan)

Pasinetti, L.

Suggerimenti terapeutici contro la batteriosi del gelso. Curiamo Piante. 6: 2-6. illus. Ja.27,1928. no.1.

Bacillus cubonianus.

Deut. Landw. Presse. (Berlin)

Appel, O.

Die verhinderung der ausbreitung des kartoffelkrebses. Deut. Landw. Presse. 55: 57. Ja.28, 1928. no.4.

Henne, W.

Der kartoffelkrebs im Saargebiet. Deut. Landw. Press. 55: 57. illus. Ja.28, 1928. no.4.

Econ. Proc. Roy. Dublin Soc.

Reilly, J.

The production of essential oils from Irish-grown plants II-IV. Econ. Proc. Roy. Dublin Soc. 2: 285-301. illus. F. 1927 (Rec'd F.1928) no.17/19.

II. The cultivation of Mentha piperita and further experiments on the winning of lavender oil. III. Oil of peppermint. IV. Note on oil of camomile.

Connel Boyle joint author II.
John Taylor " " III.
Peter J. Drumm " " IV.

Ernähr. Pflanz. (Berlin)

Krische, P.

Wilhelm Krüger und die anhaltische versuchsstation Bernburg. Ernähr. Pflanze. 24: 17-23. illus., port. Ja.15, 1928. no.2.

Flor. Rev. (Chicago)

Weinard, F.F.

Atmosphere and the plant. Flor. Rev. 61(1576): 39-40. port. F.9,1928.

Summary.

Gard. Chron. (London)

Berger, A.

Aristolochia lindneri,a new Bolivian species. Gard. Chron. III, 83: 81. illus. F.4, 1928. no.2145.

Craib, W.G.

Plants new or noteworthy. Gard. Chron. II, 83: 66-67. Ja.28,1928. no.2144.

Some new Siamese Begonias (B. grantiana, B. grata, B. murina, B. notata, B. puttii, n.spec.)

Gard. Chron. (cont.)

Friend, H.
Ideal gardens and plant lore. The garden of Venus. The paradise of Indra. Gard. Chron. III. 83: 65-66, 82. Ja.28,F.4,1928. no.2144-45.

Leak, G.D.
The "breaking" of tulips. Gard. Chron. III, 83: 84-85. 1928. no.2145.

Todd, E.E.
A revision of Violas (cont.) Gard. Crhon. III, 83: 63,85. Ja.28, F.4,1928. no 2144-45.

Ward, F.K.
Brumese Primulas, 1926. Gard. Chron. III, 83: 84. F.4,1928. no.2145.

Ward, F.K.
Mr. F. Kingdon'Ward's ninth expedition in Asia. XXIV In Zayul. Gard.Chron. III. 83: 64-65. illus. Ja.1928. no.2144.

Gard. Illus. (London)

Baker, G.P.
Eelworm in oncocyclus irises. Gard. Illus. 50: 72. illus. F.4, 1928. no.2552.
Successful results of an experiment by the author.

Gartenfl. (Berlin)

Graebener, L.
Die nussbaum-familie. (cont.) Gartenfl. 77: 22-25. illus. Ja.1928.
Carya.

Purpus, J.A.
Eine neue, sukkulente wolfsmilch aus Mexico. Euphorbia consoquitlae L.S. Brandegee. Gartenfl. 77: 7-8. illus. Ja.1928.

Wehrhahn, H.R.
Ist unfruchtbarkeit ein zeichen von bastard-natur? Gartenfl. 77: 18-20. Ja.1928.

Gartenw. (Berlin)

Helm,A.
Der sellerieschorf. Gartenw. 32: 50. illus. Ja.27, 1928. no.4.

Ludwig Beissner. Gartenw. 32: 56. port. Ja. 27,1928. no.4.

Munck, H.
Sternrusstau der rosen. Gartenw. 32: 34-35. Ja.20, 1928. no.3.

Gartenw. (cont.)

Sallmann,

Das grosze ulmensterben. Radikaler rüchschnitt das einzige abhilfsmittel. Gartenw. 32: 49-50. Ja.27, 1928. no.4.

Illus. Landw. Zeit. (Berlin)

Laubenstein,

Die kartoffelfäule und die verwertung kranker kartoffeln. Illus. Landw. Zeit. 48: 54-55. Ja.27, 1927. no.4.

Schlumberger, O.

Qualitätserzeugung, standardifierung und kartoffelkrankheiten. Illus. Landw. Zeit. 48: 55. Ja.27, 1928. no.4.

Indische Culturen. (Soerabaja)

Charleux, A.

Een botanische curiositeit. Indische Culturen. 13: 18-20. Ja.1, 1928. no.1.

Peyote.

Industr. & Engin. Chem. (Easton, Pa.)

Lee, H.A. & Martin, J.P.

Effect of fertilizer constituents on the eye-spot disease of sugar-cane. Industr. & Engin. Chem. 20(2): 220-224. F.1928.

Izv. Gosudarst. Inst. Opytn. Agron. (Ann. State Inst. Exp.Agron.) (Leningrad)

Bachtin, V.

... On the influence of anthracnose upon the subsequent development of flax. Izv. Gosud. Inst. Opytn. Agron. (Ann. State Inst. Exp. Agron.) 5: 388-389. 1927 (Rec'd F.1928) no.5.

Russian.

Colletotrichum lini.

Vavilov, N.I.

... World centres of the varietal riches (genes) of cultivated plants. Izv. Gosud. Inst. Opytn. Agron. (Ann. State Inst. Exp. Agron.) 5: 339-351. illus. (map) 1927 (Rec'd F.1928) no.5.

Russian.

Journ. Agr. Sci. (London)

Gibson, T.

Observations on B. radicicola Beijk. Journ. Agr. Sci. 18: 76-89. pl.i-iv. Ja.1928. no.1.

Journ. Agr. Sci. (cont.)

Orr, J.B., Kelly, F.C. & Stuart, G.L.
The effect of iodine manuring on the iodine content of plants. Journ. Agr. Sci. 18: 159-161. Ja.1928. no.1.

Journ. & Proc. Roy. Soc. N.S.W. (Sydney)

Cambage, R.H.
Acacia seedlings XII. Journ. & Proc. Roy. Soc. N.S.W. 60: 85-103. pl. i-iv. Je.1927 (Rec'd F. 1928)

Coombs, F.A. & Welch, M.B.
Notes on wattle barks II. Journ. & Proc. Roy. Soc. N.S.W. 60: 360-371. Je.1927 (Rec'd F.1928)

Maiden, J.H. & Blakely, W.F.
Descriptions of fifteen new Acacias and notes on several other species. Journ. & Proc. Roy. Soc. N.S.W. 60: 171-196. pl. xiii-xviii. Je.1927.(Rec'd F.1928)

Penfold, A.R.
The essential oils of Eriostemon coxii (Mueller) and Phebalium dentatum (Smith). Journ. & Proc. Roy. Soc. N.S.W. 60: 331-344. pl. xxvii. Je. 1927 (Rec'd F.1928)

Penfold, A.R.
The essential oils of Leptospermum lanigerum (Smith). Journ. & Proc. Roy. Soc. N.S.W. 60: 73-84. Je.1927 (Rec'd F.1928)

Penfold, A.R.
The essential oil of Zieria macrophylla (Bonpland) and the presence of a new cyclic ketone. Journ. & Proc. Roy. Soc. N.S.W. 60: 104-112. Je.1927 (Rec'd F.1928)

Penfold, A.R.
"Notes on the essential oils from some cultivated Eucalypts". Journ. & Proc. Roy. Soc. N.S.W. 60: 55-59. Je.1927 (Rec'd F.1928)

Welch, M.B.
The wood structure of certain eucalypts belonging chiefly to the "ash" group. Journ. & Proc. Roy. Soc. N.S.W. 60:147-166. pl.ix-xii. Je.1927.

Journ. Bot. (London)

Bolus, L.
Novitates africanae. Journ. Bot. 66: 9-15. Ja.1928. no.781.

Exell, A.W.
Mr. John Gossweiler's plants from Angola and Portuguese Congo. Dicotyledones: Polypetalae (cont.) Journ. Bot. 66(Suppl.): 81-88. Ja.1928.

Jávorka, A.(Sándor)
Hungarian species of Onosma. Journ. Bot. 66: 1-9. Ja.1928. no. 781.

Soó, R.
A new Himalayan Orchis. Journ. Bot. 66: 15-17. illus. Ja.1928. no.781.
Orchis graggeriana, sp.nov.

Thompson, H.S.
Euphrasia minima and E. confusa. Journ. Bot. 66: 26. Ja.1928. no.781.

Watson, W.
Lichenological notes III. Journ. Bot. 66: 17-21. illus. Ja.1928. no.781.
Staurothele innata, sp.nov.

Journ. Chem. Soc. Lond.

Jones, T.G.H. & Smith, F.B.
Campnospermonol, a ketonic phenol from Campnospermum brevipetiolatum. Journ. Chem. Soc. London. 1928: 65-70. Ja.1928.

Smith, S.
Nor-d-ψ-ephedrine, an alkaloid from Ephedra species. Journ. Chem. Soc. London. 1928: 51-53. Ja. 1928.

Journ. Genetics (London)

Darlington, C.D.
Studies in Prunus I-II. Journ. Genetics. 19: 213-256. illus., pl.xi-xviii. Ja.1928. no.2.

Jørgensen, C.A.
The experimental formation of heteroploid plants in the genus Solanum. Journ. Genetics. 19: 133-211. illus., pl. vi-x. Ja.1928. no.2.

Journ. Linn. Soc. Bot. (London)

Chesters, A.E.
The vascular supply of the bracts of some species of Anemone. Journ. Linn. Soc. Bot. 47: 553-582. illus., pl.21-36. D.1927. no.318.

Griffiths, B.M.
The phytoplankton of some Norfolk broads. Journ. Linn. Soc. Bot. 47: 595-612. illus. D. 1927. no.318.

Hanes, C.S.
Resin canals in seedling conifers. Journ.Linn. Soc. Bot. 47: 613-636. illus. pl. 37. D.1927. no.318.

Norman, C.
The Pimpinellas of tropical Africa. Journ. Linn. Soc.Bot. 47: 583-593. D.1927. no.318.
Pimpinella neglecta, P. acutidentata, P. keniensis, P. hombléi, P. praeventa, P. tenuissima, P. nadensis, sp.nov.

Journ. Washington Acad. Sci.

Pittier, H.
Studies of Venezuelan Bignoniaceae I Journ.Washington Acad. Sci. 18: 61-66. illus. F.4, 1928. no.3.
I. Ceratophytum, a new genus of vines (C. brachycarpum, C. Capricorne).

Kisérl. Közlem. (Bull.Stat.Agron.Hongr.) (Budapest)

Bodnár, J., Villányi, I. & Terényi, S.
A búzakousszögsporák (Tilletia tritici [Bjerk] Winter) rézfelvétele különböző rézvegyületekböl. (Die kupferabsorption der weitzensteinbrandsporen (Tilletia tritici [Bjerk] Winter) aus kupferverbindungen). Kisérl. Közlem. 30: 353-368. S./O.1927 (Rec'd F.1928)
German résumé: p. 367-368.
Biochemie der brandkrankheiten der getreidearten I.

Landw. Jahrb. (Berlin)

Butkewitsch, W. W.
Ueber die faktoren, welche das verhalten der pflanzen gegen schwerlösliche Ca-phosphate beeinflussen. Landw. Jahrb. 66: 947-992. illus. 1927 (Rec'd F.1928) no.6.

Langeloh, H.J.
Rumex acetosella L. als leitpflanze bei der beurteilung des bodens bezüglich seiner azidität und seines kalkgehaltes. Landw. Jahrb. 66: 911-946. illus. 1927 (Rec'd F.1928) no.6.

Landw. Jahrb. (cont.)
Riede, W.
Luftionisation und pflanzenleben. Landw. Jahrb. 67: 149-153. 1928. no. 1.

Landw. Jahrb. Bayern. (München)
Flachs, K.
Parasitäre schädlinge an kulturpflanzen. Landw. Jahrb. Bayern. 17: 357-368. 1927 (Rec'd F.1928) no.7/9.

Fürst, Fr.
Fragen der unkrautbekämpfung. Landw. Jahrb. Bayern. 17: 407-424. 1927 (Rec'd F.1928) no.7/9.

Hiltner, E.
Die beizung des saatgutes. Landw. Jahrb. Bayern. 17: 328-351 1927 (Rec'd F.1928) no.7/9.

Malayan Agr. Journ.(Kuala Lumpur)
Bunting, B., Eaton, B.J. & Georgi, C.D.V.
The oil palm in Malaya. Malayan Agr. Journ. 15: 297-386. xxv (i.e.26) pl. O.1927 (Rec'd Ja.1928) no.9/10.
Diseases and pests: p.334-342.

Meded. Rijksboschbouwproefst. Wageningen.
Koning, M.de.
Onderzoek naar de uitkomsten, verkregen met de cultuur van den oostenrijkschen den (Pinus nigra Arn. var. austriaca Endl.) en de Corsicaanschen den (Pinus nigra Arn. var. corsicana Hort.) in Nederland. Meded. Rijksboschbouwproefst. Wageningen. 3: 87-205. plates. 1927. no.2.
French résumé (Recherches sur la croissance et la culture du pin noir d'Autriche et du pin de Corse et leur utilité pour la sylviculture aux Pays-bas.) p. 196-204.
Ziekten en beschadigingen: p.163-172.

Mem. Dept. Agr. India Bot.Ser.
Godbole, S.V..
Pennisetum typhoideum: studies on the Bajri crop. I- Mem. Dept. Agr. India Bot. Ser. 14: 247-268. 10 pl. S.1927 (Rec'd F.1928) no.8.
I. The morphology of Pennisetum typhoideum.

Möller's Deut. Gärtn.-Zeit. (Erfurt)
Schwantes, G.
Pleiospilos purpusii, Schwantes spec.nov.
Möller's Deut. Gärtn.-Zeit. 43: 46. F.1,1928.
no.4.

Nat. Belge. (Bruxelles)
Van Driessche, J.
La moniliose. Nat. Belge. 9: 29-31. F.
1928. no.2.

Nat. Canad. (Quebec)
[illegible] La résistance a la mort des especes végétales.
Nat. Canad. 54: 154-157. Ja.1928. no. 7.

Nat. Hist. Mag. (London)
Ardagh, J.
Portraits and memorials of Robert Brown of the
British Museum. Nat. Hist. Mag. 1: 158-162.
port. Ja.1928. no.5.

Good, R.D'O.
Recent botanical exploration in the mountains of
eastern Tibet and western China. Nat.Hist.Mag.
1: 138-146. illus. Ja.1928. no.5.

Ramsbottom, J.
An interesting botanical wood-cut. Nat. Hist.
Mag. 1: 155-158. illus. Ja.1928. no.5.
Mycological menu card prepared by W. G. Smith

Nature (London)
The control of plant diseases. Nature. 121:
153-155. Ja.28, 1928. no.3039.
Discussion between Sections K and M of the British
association for the advancement of science.

Gales, R. R.
The genetics of cereals. Nature. 121: 187-188.
F.4, 1928. no.3040.

Naturforsch. (Berlin)
Fisher, H.
Warum sind unsere getreidepflanzen einjährig?
Naturforsch. 5: 481-483. Ja. 1928. no. 10.

Marzell, H.
Der alraunglaube als kulturgeschichtliches zeugnis.
Naturforsch. 5: 465-469. pl.79. Ja.1928. no.10.

New Zeal. Journ. Sci. & Techn. (Wellington, N.Z.)
Aitken, P. W.
The chemistry of Phormium tenax. New Zeal. Journ. Sci. & Techn. 9: 226-228. N.1927. (Rec'd F.1928) no.4.

Andrew, R.L.
Arsenic in New-Zealand-grown apples. New Zeal. Journ. Sci. & Techn. 9: 206-209. N.1927. (Rec'd F.1928) no.4.

Hutchinson, F. E.
Value of growth-rings in New Zealand mensuration studies. New Zeal. Journ. Sci. & Techn. 9: 240-247. N.1927 (Rec'd F. 1928) no.4.

Sladden, D. & Falla, R.A.
Alderman Islands, a general description, with notes on the flora and fauna. New Zeal. Journ. Sci. & Techn. 9: 193-205. illus. N.1927 (Rec'd F.1928) no.4.

Ochrana Rostlin (Prague)
Čerepennikov, N.
Vadnuti rajských jablek, pusobené houbou Sclerotinia libertinia Fuck. Ochrana Rostlin. 7: 86-88. D.1927. no.5.
Czechoslovakian.
Sclerotinia libertinia on tomato.

Kříž, K.
Vystoupení a zánik rakoviny bromborů na slovensku. Ochrana Rostlin. 7: 84-85. D.1927. no.5.
Czechoslovakian.
Potato wart disease.

Orchid Rev. (Richmond, England)
Broadway, W. E.
Trinidad orchids (cont.) Orchid Rev. 36: 38. F.1928. no.416.

Cooper, E.
Cymbidium giganteum and its presence in Australia. Orchid Rev. 36: 39-42. F.1928. no.416.

Dendrobium pulchellum. Orchid Rev. 36: 36-37. illus. F.1928. no.416.

Ghose, B. N.
A new Cymbidium. Orchid Rev. 36: 47-48. F. 1928. no.416.
Species not yet identified.

Perfum. & Essent. Oil Rec. (London)
Thompson, C.J.S.
The lore of the carnation. Perfum. & Essent. Oil Rec. 19: 9-10. illus. Ja.24, 1928. no. 1.

Philipp. Journ. Sci. (Manilla)
Copeland, E.B.
Davallodes and related genera. Philipp. Journ. Sci. 34: 239-257. 5 pl. N.1927 (Rec'd F.1928) no.3.
Davallodes laxum, D. congestum, D. urceolatum, D. dolichosorum, Scyphularia sinusora, sp.nov. Tragostylon gen.n. T. falcinellus.

Copeland, E. B.
The genus Calymmodon. Philipp. Journ. Sci. 34: 259-271. 6 pl. N.1927 (Rec'd F.1928) no.3.
Calymmodon glabrescens, C. hyalinus, C. latealatus, C. hygroscopicus, C. ordinatus, C. mnioides, sp.nov.

Plant. & Sugar Manuf. (New Orleans)
Jeswiet, J.
The history of sugar cane selection work in Java. Plant.& Sugar. Manuf. 80: 81-82. F.4, 1928.

Prakt. Blätt. Pflanzenb. u. Pflanzensch. (Freising)
Korff, G.
Die Bayer. landesorganisation für pflanzenschutz im hopfenbau und ihre praktische auswirkung im jahre 1927. Prakt. Blatt. Pflanzenb. u. Pflanzensch. 5: 246-253. Ja.1928. no.10.

Zattler, F.
Die bekämpfung der Peronosporakrankheit des hopfens und die erzielten erfolge in Bayern im jahre 1927. Prakt. Blatt. Pflanzenb. u. Pflanzensch. 5: 254-258. Ja.1928. no.10.

Zattler, F.
Die untersuchungs- und auskunftstätigkeit der höpfenforschungsstelle im jahre 1927. Prakt. Blatt. Pflanenb. u. Pflanzensch. 5: 243-246. Ja. 1928. no.10.

Proc. Linn. Soc. N.S.W. (Sydney)
Chisholm, E. C.
Additional flora of the Comboyne Plateau, 1926. Proc. Linnean Soc., N.S.W. 52: 378-379. O.1927. (Rec'd F. 1928) no.3.

Proc. Linn. Soc. N.S.W. (cont.)

Hamilton, A. G.
The xerophytic structure of the leaf in the Australian Proteaceae I- Proc. Linnean Soc. N.S.W. 52: 258-274. illus., pl. xxiii-xxv. O. 1927 (Rec'd F.1928)

Cunningham, G.H.
The gasteromycetes of Australasia VII-IX. Proc. Linnean. Soc. N.S.W. 52: 235-244, 245-246, 247-257. pl. xx-xxii. O. 1927 (Rec'd F.1928) no.3.
VII. The genera Disciseda and Abstoma. VIII. The genus Mycenastrum. IX. Keys to the genera and species of the Lycoperdaceae.

McLuckie, J. & Petrie, A.H.K.
The vegetation of the Kosciusko Plateau. I- Proc. Linn. Soc. N.S.W. 52:187-221. illus., pl. x-xix. (incl. fold map.) O.1927 (Rec'd F.1928) no.3.
I The plant communities.

Proc. Roy. Dublin Soc.

O'Connor, P.
Inhibition of pollen growth by living tissue extracts. Proc. Roy. Dublin Soc. 18: 477-484. Jl. 1927 (Rec'd F.1928) no.40.

Proc. West African Agr. Conf.

Bunting, R.H.
Diseases of cocoa and measures for their control. Proc. West African Agr. Conf. 1st. March,1927. p.86-97. 1927 (Rec'd F.1928)

Laycock, T. & Johnes, G. H.
Fungoid pests of cotton. Proc. West African Agr. Conf. 1st. March, 1927. p.146-158. 1927. (Rec'd F.1928)
Discussion: p.157-158.
Pt. I on boll rots; Pt.II, is a summary of Jones's article in "Empire cotton growing review" Jan. 1927 (The pathology of the cotton plant in Nigeria)

Progr. Agr. & Vitic. (Montpellier)

Lagatu, H. & Maume, L.
Etude biochemique de la chlorose de certaines vignes Américaines greffées sur rupestris. Progr. Agr. & Vitic. 89: 116-119, 137-140. 1928. no.5-6.

Repert. Spec. Nov.Fedde (Berlin)

Becker, W.
Euphrasia tatarica Fischer var. coquoziana var. nov. Repert. Spec. Nov. Fedde. 24(Repert. Europ. & Mediter. v. 2, no.2/8): 203-204. D. 1927. no.4/13.

Becker, W.
Viola rupestris x uliginosa. Repert Spec. Nov. Fedde. 24(Repert. Europ. & Mediter. v.2, no. 2/8): 204. D.1927. no. 4/13.

Becker, W.
Eine neuer veilchenbastard aus der Schweiz Repert. Spec. Nov. Fedde. 24(Repert. Europ. & Mediter. v.2, no.2/8): 205. D.1927. no.4/13.
Viola pyrenaica x thomasiana = V.coquoziana.

Becker,W.
Zur veilchenflora Nord-Chiles. Repert.Spec. Nov. Fedde. 24: 109-112. D.1927. no.4/13.
Viola llullaillacoensis, V. johnstonii, V. vallenarensis, n.sp.

Brand, A.
Decas specierum novarum septima. Repert. Spec. Nov. Fedde. 24: 56-61. D.1927.
Species of Cryptantha & Hemisphaerocarya.

Knuth, R.
Oxalidacearum species novae americanae III. Repert. Spec. Nov. Fedde. 24: 51-55. D.1927. no.4/13.

Kränzlin, F.
Zwei neue arten von Maxillaria. Repert. Spec. Nov. Fedde. 24: 49-50. D.1927. no.4/13.
M. monacensis, M. nymphopolitana.

Krause, K.
Die botanische literatur über die Türkei. Repert. Spec. Nov. Fedde. 24(Repert. Europ.et Mediter., v.2, no.2/8): 113-126. D.1927. no.4/13.

Loesener, O.
Uebersicht über die arten der gattung Veratrum I. Repert. Spec. Nov. Fedde. 24: 61-72. D. 1927. no.4/13.

Repert. Spec. Nov. Fedde. (cont.)

Malakatês, Sp.

Die flora von Kéa (volkstümliche aussprache: Tziá, Kéos) Repert. Spec. Nov.Fedde. 24(Repert. Europ. & Mediter. v.2, no. 2/8): 193-199. pl.xlii. D.1927. no.4/13.

Ronniger, K.

Zwei neue formen von blütenpflanzen aus Süd-Dalmatien. Repert. Spec. Nov. Fedde. 24(Repert. Europ. & Mediter. v. 2, no.2/8): 200-202. D.1927. no. 4/13.

Helichrysum italicum var. ginzbergeri, Aethionema saxatile var scopulorum.

Schmidt, O.C.

Beiträge zur kenntnis der flora Westindiens II. Repert. Spec. Nov.Fedde. 24: 72-80. D.1927. no.4/13.

Polygonaceae, Lythraceae, Ternstroemiacene.

Schwarz, O.

Plantae novae vel minus cognitae Australiae tropicae. Repert. Spec. Nov. Fedde. 24: 80-109. D.1927. no.4/13.

Sammlung des Herrn. F.A.K. Bleeser in Port Darwin (Nordaustralien).

Soo, R.v.

Systematische monographie der gattung Melampyrum III. Repert. Spec. Nov. Fedde. 24(Repert. Europ. & Mediter. v.2 no.2/8): 127-193. pl. xxxix-xli. D.1927. no.4/13.

Rep. Canada Exp. Farms (Exp. Stat. Sidney, B.C.)

Bailey, D.L.

Report of Dominion field laboratory of plant pathology, Winnipeg, Man. [for the year 1926] In Rep. Dom. Bot. 1926. Rep. Canada Exp. Farms. 1926: 103-119. illus. 1927 (Rec'd F.1928)

Investigations on rusts and smuts of wheat & oats.

Berkeley, G.H.

Report of Dominion field laboratory of plant pathology, St.Catherines, Ont. [for the year 1926] In Rep. Dom. Bot. Rep. Canada Exp. Farms. 1926: 59-102. illus. 1927 (Rec'd F.1928)

Apple scab; brown rot; raspberry mosaic; strawberry diseases; black heart of apricot; studies in tomato streat; Verticillium investigations; aster wilt.

Rep. Canada Exp. Farms. (Cont.)

MacLeod, D.J.

Report of the Dominion field laboratory of plant pathology, Fredericton, N.B.. In Rep. Dom. Bot. 1926. Rep. Canada Exp. Farms. 1926: 39-53. illus. 1927 (Rec'd F.1928)

Seasonal development of apple scab, spindle-tuber (of potato); early blight tuber rot of potato; Sclerotinia disease of hollyhock; comparison of certain seed treatments for the control of oat smut.

Racicot, H.N.

Report of the Dominion field laboratory of plant pathology, Ste. Anne de la Pocatière, Que. [for the year 1926] In Rep. Dom. Bot. 1926. Rep. Canada Exp. Farms. 1926: 54-58. 1927 (Rec'd F.1928)

Late blight of potatoes; common scab of potatoes; oat smuts; bean mosaic.

Sanford, G.B.

Report of the Dominion field laboratory of plant pathology, Saskatoon [for the year 1926] In Rep. Dom. Bot. 1926 Rep. Canada Exp. Farms. 1926: 119-126. illus. 1927 (Rec'd F.1928)

Take all disease; root-rot of sweet clover; studies in Helminthosporium sativum.

Simmonds, P.M.

Investigations on the foot diseases of cereals in southern Saskatchewan. In Rep. Dom. Bot. Rep. Canada. Exp. Farms. 1926: 126-132. 1927 (Rec'd F.1928)

Mainly Fusarium culmorum.

Rev. Gén. Hort. Cult. Fruit. (Paris)

Willaume, F.

Les traitements d'hiver des arbres fruitiers Rev. Gén. Hort. Cultures Fruit. 6: 926-932. illus. Ja.1928. no.57.

Rev. Gén. Sci.. (Paris)

Bridel, M.

Les glucosides a salicylate de méthyle. Rev. Gén. Sci. 39: 5-10. Ja.15, 1928. no.1.

Monotropitoside, violutoside.

Rev. Industr. y Agr.Tucumán. (Buenos Aires)
Cross, W.E.
Resultados culturales obtenidos con algunas mutaciones de las variedades P.O.J. 36 y 213. Rev. Industr. y Agr. Tucuman. 18: 30-34. Ag./S. 1927 (Rec'd F.1928) no.3/4.

Rev. Hist. Nat. Appl. pt. I. (Paris)
Feytaud, J. & Dieuzeide, R.
Sur un champignon du genre Termitaria, parasite du termite lucifuge en Gironde. Rev. Hist. Nat. Appl. Pt. I. 8: 336-347. illus., pl. N. 1927. (Rec'd F.1928) no. 11.

Rev. Soc. Nac. Agr. Ecuador.
Paviolo, Italo
Fisiologia vegetal. Rev. Soc. Nac. Agr. Ecuador. 9: 36-39. N./D.1927. no.67/68.

Rev. Vitic. (Paris)
Viala, P.
Esca (cont.) Rev. Vitic. 68: 53-57. illus. Ja.26, 1928. no. 1752.

Riv. Biol. (Milan)
Pollacci, G.
Sulla ricerca microchimica del fosforo nei tessuti vegetali ed animali. Riv. Biol. 9: 572-575. Jl./O. 1927. no.4/5.

Roczn. Nauk Rolnicz. i Lesn. (Polish Agr. & For. Ann.) (Poznań)
Celichowski, K. & Kuryłło, Ant.
Przyczynek do badán raka ziemniaczanego (Ein beitrag über den kartoffelkrebs). Rocz. Nauk Rolnicz. i Leśn. (Polish Agr. & For. Ann.) 18: 173-180. illus. 1927 (Rec'd Ja.1928) no.2.
Polish with German summary.

Falkowska, H.
Badania nad mieszańcami bobu z bobikiem (Recherches sur les hybrides de la fève et de la féverole). Roczn. Nauk Rolnicz. i Leśnych. 18: 415-448. illus., map. 1927 (Rec'd F.1928) no.3.
French résumé: p. 447-448.

Fiedziuszko, M.
Wpływ rozmaitych środków do zaprawiania ziarna na jego kiełkowanie (Influence des divers liquides desinfectants sur la germination des graines). Rocz. Nauk Rolnicz. i Leśn. (Polish Agr. & For. Ann.) 18: 279-299. 1927 (Rec'd Ja.1928) no.2.
Polish with French résumé.

Roczn. Nauk Rolnicz. i Lesn. (Polish Agr. & For. Ann.) (cont.)

Konopacka, W.

Maczniak rzekomy na różach (The downy mildew of roses) Rocz. Nauk Rolnicz. i Leśn. (Polish Agr. & For. Ann.) 18: 169-172. 1927 (Rec'd Ja.1928) no.2.

Polish with English summary.

Kotoski, F.

Wpływ zmiennych temperatur na kiełkowanie nasion (Temperature alternation and germination of seeds). Roczn. Nauk Rolnicz. i Léśn. (Polish Agr. & For. Ann.) 18: 161-168. 1927 (Rec'd Ja.1928) no.2.

Polish with English summary.

Science. (Lancaster, Pa.)

Harvey, R.B.

Alexandrovsk biological station. Science. 67: 158-159. F.10,1928. no. 1728.

Located at mouth of the fjord by which river Kola empties into the Arctic Sea.

Sprague, H.B.

A convenient method of measuring quantities of chloroplast pigments. Science. 67: 167-169. F.10, 1927. no.1728.

Scient. Agr. (Ottawa)

Fleming, W. M.

A case of natural crossing in sweet peas. Scient. Agr. 8: 386-387. F.1928. no. 6.

Scott. Journ. Agr.(Edinburgh)

Wardlaw, C. W.

Lanarkshire strawberry disease.Further observations on its biology. Scott. Journ. Agr. 11: 65-71. pl. Ja. 1928. no.1.

Sitzungsb. Naturforsch. Ges. Leipzig.

Schmidt, R.

Scutellaria minor L. in nordwestsachsen. Sitzungsb. Naturforsch. Ges. Leipzig. 49/52: 84. 1926.

Soil Sci. (Baltimore)

Berkman, A. H.

The pH value of some Texas soils and its relation to the incidence of certain woody plant species. Soil Science. 25: 133-142. F.1928. no. 2.

South African Gard. (Johannesburg)

Bolus, L.
Plants new and noteworthy (cont.) South African Gard. 18: 31-38. illus. Ja.1928. no. 1.
Stapeliopsis nov.gen., S. neronis.

Bolus, L.
South African succulents: Mesembrianthemum and allied genera (cont.) South African Gard. 18: 15-16. illus. Ja. 1928. no. 1.

Bolus, L.
Sphaeroids, dumplins, buttons. Conophytum N.E. Br. (cont.) South African Gard. 18: 28. col. pl. Ja.1928. no. 1.

South. Flor. (Fort Worth, Tex.)

Ruth, A.
Flora of the Ozarks of Arkansas IV. South. Flor. 24(19): 10-11. F.10, 1928.

Successful Farm. (Des Moines, Ia.)

Hansen, A. A.
Pests that cost millions. A loss that is largely preventable. Successful Farming. 26(2): 10-11, 28. illus. F.1928.
Weed pests.

Svenska Betes- o. Vallför. Arsskr. (Uppsala)

Henning, E.
Examinationstabeller över gräs och baljväxter i blomlöst stadium. Svenska Betes- o. Vallför. Arrskr. 9: 3-35. vii pl. 1927.
Tables for determination of grasses and leguminous plants in their flowerless stage.

Tijdschr. Plantenz. (Amsterdam)

Thung, T. H.
Physiologisch onderzoek met betrekking tot het virus der bladsolziekte van de aardappelplant, Solanum tuberosum, L. Tijdschr. Plantenz. 34: 1-48. Ja./F. 1928. no.1/2.

Trab. Labor. Hist. Nat. Inst. Nac. 2a Ensen Valencia.
Pardo, L.
Simón de Rojas Clemente y Rubio y el primer centenario de su muerte. Trab. Labor. Hist. Nat. Inst. Nac. 2a Ensen. Valencia 15. 27 p. port. 1927. (Rec'd F.1928)

Tropenpfl. (Berlin)
Grunwald, H.
Der erdnuss (Arachis hypogea L.) Tropenpfl. 31: 16-30. Ja.1928. no. 1.
Diseases: p. 26-28.

Trudy Leningr. Obshch. Estestv. (Trav. Soc. Nat. Leningr. Sect.Bot.)
Aleksandrov, V.G., Aleksandrov, O.G. & Timofeev, A.S.
... Versuch einer quantitativen berechnung der wasserleitungssysteme des stengels und der blattstiele. Materialen zur kenntnis der dynamik im bau des leitungssystems. Trudy Leningr. Obshch. Estestv. (Trav. Soc. Nat. Leningrad. Sect. Bot.) 57(3): 3-22. 1927 (Rec'd F.1928)
Russian with German summary.

Lilienstern, M.
... Physiologisch morphologische untersuchungen über Marchantia polymorpha L. in reinkultur. Trudy Leningr. Obshch. Estestv. (Trav. Soc. Nat. Leningr. Sect. Bot.) 59(3): 67-94. illus. 1927 (Rec'd F.1928)
Russian with German summary.

Seliber, G.
.., Zur frage ueber die bedeutung der mutterknolle im leben der kartoffelpflanze. Trudy Leningr. Obshch. Estestv. (Trav. Soc. Nat. Leningrad. Sect. Bot.) 57 (3): 23-44. illus. 1927. (Rec'd F.1928)
Russian with Germany summary.

Sinova, E.S.
... Sur quelques algues de la baie de Novorossiisk. Trudy Leningr. Obshch. Estestv. (Trav. Soc. Nat. Leningr. Sect. Bot. 57(3): 45-68. 1927. (Rec'd F.1928)
Russian with French résumé.

U.S. Dept. Agr. Bull.
Richey, F.D.
Corn breeding. U.S. Dept. Agr. Dept. Bull. 1489. 63 p. 12 pl. N.1927 (Rec'd F.1928)

Vict. Nat. (Melbourne)

Daly. C.

History of Flora Australiensis, part VII. Vict. Nat. 44: 248-256. Ja.1928. no.9.

Williamson, H. B.

The aquatic plants of Victoria, I. Vict. Nat. 44: 240-247. illus. Ja.1928. no.9.

Vie Agr. et Rur.(Paris)

Lagatu, H. & Maume, L.

L'absorption de l'acide phosphorique par la vigne et son role physiologique. Vie Agr. et Rur. 32: 77. Ja.29, 1928. no.5.

Wild Flower.

Lloyd, J.U.

Harvey Wickes Felter, M.D. 1865-1927. Wild Flower. 5: 1-2. Ja.1, 1928. no.1.

Yearbk. Madras Agr. Dept.

Sundararaman, S.

The "clump disease" of groundnuts. Yearbk. Madras Agr. Dept. 1926: 13-14. 1927 (Rec'd Ja. 1928)

Due to soil conditions.

Sundararaman, S.

Some Vermicularias of economic importance in south India. Yearbk. Madras Agr. Dept. 1926: 10-12. 1927 (Rec'd Ja.1928)

On chillies (Capsicum frutescens), V. capsici; on turmeric (Curcuma longa), V. curcumae; on ginger (Zingiber officinalis) V. zingiberae; on cabbage; V. sp.; on Bengal gram (Cicer arietinum) V. sp.

Zeitschr. Zellforsch. & Mikrosk. Anat. (Berlin)

Bowen, R.H.

Studies on the structure of plant protoplasm. I- Zeitschr. Zellforsch. u. Mikros. Anat. 6: 689-725. pl. viii-xi. Ja. 1928. no.5.

I. The osmiophilic platelets.

Exper. Stat. Publ.

Blackmon, G.H.

Pecan growing in Florida. Florida Agr. Exp. Stat. Bull. 191. p.85-143. illus. N.1927 (Rec'd F.1928)

Exper. Stat. Publ. (cont.)

Butler, O.
Hand spraying and hand dusting potatoes. New Hampshire Agr. Exp. Stat. Circ. 26. 16 p. illus. Je.1927 (Rec'd F.1928)

Burns, G.P.
Studies in tolerance of New England forest trees VII. Leaf efficiency in thrifty and stunted white pine seedlings. Vermont Agr. Exp. Stat. Bull. 267. 27 p. illus., pl. Ap.1927 (Rec'd F.1928)

New Books.

Ballard, C.W.
The elements of vegetable histology... 2d ed. rev. enl. New York, J.Wiley & sons, 1926.

Bartholomew, E.
The fungous flora of Kansas. Topeka, 1927. 46 p.
List without descriptions.

Batyrenko, V. & Zosimov, V.A.
... The varieties of spring wheat. Kharkov, 1927.
Russian.
Prilozhenie (Suppl.) 30. to Bull. Appl. Bot., Gen. & Plant Breed.

Bisceglie, V. & Juhász-Schäffer, A.
Die gewebezüchtung in vitro. Berlin, J. Springer, 1928. (Monographien aus dem gesamtgebiet der physiologie der pflanzen und der tiere bd. 14)

Deutsche Gesellschaft für pilzkunde.
Die pilze Mitteleuropas... v.1, lfg. 5, Die röhrlinge (Boletaceae) Leipzig, W. Klinkhardt, 1927.

Fiori, A.
Nuova flora analitica d'Italia. v.2, fasc. 5. Firenze, 1927.

Gray, R.N.
Report of the Harvard botanical gardens, Soledad estate, Cienfuegas, Cuba (Atkins foundation) 1900-26. Cambridge,1927.

New Books (cont.)

Hanning, E., ed.
Die pflanzenreale... v.1, heft 7. Jena, G. Fischer, 1927.
Beck-Mannagetta, G. Orobanche; Pax, F. Buxaceae Kl. et Gcke.

Hazslinszky, B.
Adatok a Prunus nana (L.) Stokes vegetativ szerveinek anatomiájához. Budapest, K. Magyar egyetemi nyomda, 1927.
Diss.-Budapest.

Hegi, G.
Illustrierte flora von Mittel-Europa. v.5, t.2,4. München, J.F.Lehmanns verlag, [1927?]

Holman, R.M. & Robbins, W. W.
A textbook of general botany for colleges and universities. 2d. ed. N.Y., J. Wiley & sons,1927.

Hosseus, C.C.
... Apuntes sobre coníferas. Cordoba, (Rep. Arg.) Imprenta de la Universidad, 1927.

Index biologorum, investigatores, laboratoria, periodica, edidit G.C. Hirsch. Berlin, J. Springer, 1928.

Jávorka, S.
A Magyar flóra kis határozója. Budapest, 1926.

Kofler, L.
Die saponine. Wien, J. Springer, 1927.

Lubimenko, V.N.
Traité de botanique générale... traduit du Russe par Anna Joukov, Revu par F. Lot & J. Friedel. Paris, Gauthier-Villars et cie. 1927. v.1-

McQueen, A.S. & Mizell, H.
History of Okefenokee swamp. Clinton, S.C., Jacobs & co., c1926.

New Books (cont.)

Michotte, F.
... Les kapotiers et succédanés. Paris, 1927. (Bull. 1/5 Soc. de propagande coloniale).

Ottó, W.
A hivatalos drógokat szolgáltató növények mangántartalma (Der mangangehalt offizinelle drogen liefernder pflanzen). Pápa, 1927.
From Magyar gyógyszerésztud. Társaság értesitöje 1927, évi 1. számából.

Oudemans, C.A.J.A.
Enumeratio systematica fungorum... v.5. Hague Comitum, apud M. Nijhoff, 1924.
v.5, Index generalis continens nomina fungorum eorumque synonyma, quae inveniuntur in vol. I-IV, una cum nominibus familarum, subfamiliarum specierumque plantarum hospitalium et eorum synonymis confecit J.J. Paerels.

Pack, A N. & Palmer, E.L.
The nature almanac, a handbook of nature education. Washington, D.C., Amer. Nature Assoc., 1927.

Pammel, L.H.
Dr. William Trelease. His Prominent men I have met, III. Ames, Iowa, 1927. 84 p.

Pfeiffer, F
A magyarországi Digitális fajok magjainak anatomiája és csiranövényeinek fejlödése. Budapest, 1927.
Inaug.-diss.

Reychler, L.
Why, in botanical science, collaboration between scientists and practical men can under the present circumstances not be realized. Bruxelles, Goemaere, 1927.
Also in French.

Roth, C.
Vascular plants of Scioto County, [Ohio] In Bannon, H.T. Stories old and often told. Baltimore, 1922. p.245-266.
List of scientific and common names.

New Books (cont.)

Royal horticultural society.
Catalogue of the Lindley library. London, 1927.
Comp. by H.R. Hutchinson & E.W. Hamilton.

Tikhomirov, N.K.
... Aperçu de la végétation de l'ile Oljchon sur le lac Bajkal. Leningrad, 1927 (Trav. de la Commission pour l'étude du lac Bajkal v. II)
Russian.

Translations available in the Bur. of Plant Industry Library.

Ohga, I.
The casting method for the study of leaf surfaces and the number of stomata of some Manchurian plants. Bot. Mag. Tokyo. 40: 550-553. O.1926.
Transl. by S. Katsura.

Biermann,
Ueber die selektion der rebe (On the selection of the vine). Landw. Jahrb. 64, Erngänzungsbd. 2: 143-145 1926.

Die wirtschaftliche bedeutung und wald-bauliche behandlung der Weymouths-kiefer (The economic importance and silvicultural treatment of white pine [Pinus strobus] 1927.
Summary of three addresses before the 24. Versammlung der Deutscher forstverein, Frankfurt a.M. Addresses by Wappes, Manselow & Tubeuf.

BOTANY
CURRENT LITERATURE

ADDITIONS TO THE BOTANICAL CATALOGUE, BUREAU OF PLANT INDUSTRY,
COMPILED FROM PUBLICATIONS RECEIVED IN THE
LIBRARY OF THE UNITED STATES DEPARTMENT OF AGRICULTURE, WASHINGTON, D. C.

RECEIVED
MAR 1 - 1928

Vol. 10, no.5. Feb. 20- Mr.3, 1928.

Agr. Gaz.N.S.W. (Sydney)

Noble, R. J.
Spotted wilt in tomatoes. Agr. Gaz. N.S.W. 39: 59-63. illus. Ja.1928. no.1.

Ann. Bot. (London)

Arber, A.
Studies in the Gramineae IV. The sterile spikelets of Cynosurus and Lamarkia. 2. Stamen-lodicules in Schizostachyum. 3. The terminal leaf of Gigantochloa. Ann. Bot. 42: 173-187. illus. Ja. 1928. no.165.

Bharadwaja, Y.
Spelaeopogon kashyapi, n.sp., a new member of the Scytonemataceae. Ann. Bot. 42: 69-74. illus. Ja.1928. no. 165.

Brown, W.
Studies in the genus Fusarium VI. General description of strains, together with a discussion of the principles at present adopted in the classification of Fusarium. Ann. Bot. 42: 285-304. Ja. 1928. no.165.

Cookson, I.
The structure and development of the perithecium in Melanospora zamiae, Corda. Ann. Bot. 42: 255-269. illus. Ja.1928. no.165.

Curtis, K. M.
The morphological aspect of resistance to brown rot in stone fruit. Ann. Bot. 42: 39-68. illus. Ja.1928. no.165.

Evans, D. I.
Chemical studies in the physiology of apples. VII. A study of the sugars of apples with especial reference to the fructose/glucose ratio. Ann. Bot. 42: 1-38. Ja.1928. no.165.

V.10, no.5, p.2.

Ann. Bot. (cont.)

Fraymouth, J.
The moisture relations of terrestial algae III- Ann. Bot. 42: 75-100. Ja.1928. no.165.
III. The respiration of certain lower plants, including terrestrial algae, with special reference to the influence of drought.
For I-II see Fritsch, F.E.

Fry, E. J.
The penetration of lichen gonidia by the fungal constituent. Ann. Bot. 42: 141-148. illus. Ja. 1928. no.165.
Lecania candicans.

Mason, T.G. & Maskell, E.J.
Studies on the transport of carbohydrates in the cotton plant. I- Ann. Bot. 42: 189-253. Ja. 1928. no.165.
I. A study of diurnal variation in the carbohydrates of leaf, bark, and wood, and of the effects of ringing.

Richards, O. W.
The growth of the yeast Saccharomyces cerevisiae I- Ann. Bot. 42: 271-283. Ja.1928. no.165.
I. The growth curve, its mathematical analysis, and the effect of temperature on the yeast growth.

Tincker, M.A.H.
The effect of length of day upon the growth and chemical composition of the tissues of certain economic plants. Ann. Bot. 42: 101-140. illus., pl. i. Ja.1928. no.165.

Westbrook, M.A.
Contributions to the cytology of tetrasporic plants of Rhodymenia palmata, (L.) Grev., and some other Florideae. Ann. Bot. 42: 149-172. illus., pl. ii. Ja.1928. no.165.

Wilkins, V.E.
Anatomical studies of certain Gramineae. Ann. Bot. 42: 305-316. illus., pl. iii-iv. Ja.1928. no.165.

Ann. Rep. Bur. Sugar Exp. Stat. Queensl.

Wood, E.J.F.
Investigations into diseases of cane. Ann. Rep. Bur. Sugar Exp. Stat. Queensl. 27: 27-33. 1927.

V.10, no.5, p.3.

Ann. Rep. Nebr. State Hort. Soc. (Lincoln)
Goss, R.W.
Controlling some of the important vegetable diseases. Ann. Rep. Nebr. State Hort. Soc. 1927: 19-24. 1927 (Rec'd 1928)

Ann. Short Course Pineapple Prod.
Dean, A.L.
Pineapple wilt, a review of our knowledge concerning the wilting or failing of pineapple plants. Ann. Short Course Pineapple Prod. 1926, 5: 31-34. 1926 (Rec'd 1928)

Muir, F.
Nematodes in relation to pineapple production. Ann. Short. Course Pineapple Prod. 1926, 5: 38-41. 1926 (Rec'd 1928)

Sideris, C.P.
Root growth and behavior. Ann. Short Course Pineapple Prod. 1926, 5: 17-30. illus. 1926 (Rec'd 1928)

Wendt, W.A.
Hybridization in pineapples. Ann. Short Course Pineapple Prod. 1926, 5: 42-48. 1926 (Rec'd 1928)

Ann. So. Afr. Mus. (London)
Du Toit, A.L.
The fossil flora of the upper Karroo beds. Ann. So. Afr. Mus. 22: 289-420. illus., pl. xvi-xxxii. D.1927. no.2.

Arch. de Bot. Caen. Bull. Mens.
Lenoble, F.
Associations végétales et espèces. Arch. de Bot. Caen. Bull. Mens. 2: 1-14. Ja. 1928. no.1.

Arch. de Bot. Caen. Mém.
Dismier, G.
Flore des sphaignes de France. Arch. de Bot. Caen. Mém. v. 1, no.1. 64 p. illus. [1927?]

Hocquette, M.
Etude sur la végétation et la flore du littoral de la Mer du Nord de Nieuport à Sangatte. Arch. de Bot. Caen. Mém. v.1, no.4. 179 p. illus., 8 pl. map. [1928?]

Arch. de Bot. Caen. Mém. (cont.)

Perrier de la Bathie, H.

Les Philippia de Madagascar. Arch. de Bot. Caen. Mém. v.1, no.2. 68 p. x pl. [1927?]

Arch. Pharm. & Ber. Deut. Pharm. Ges. (Leipzig)

Brunzema, D.

Die entwickelung der kalziumoxalatzellen mit besonderer berücksichtigung der offizinellen pflanzen Arch. Pharm. & Ber. Deut. Pharm. Ges. 266: 86-103. illus. F.1928. no.2.

Maranis, A. D.

Untersuchung der samenkörner der pinie (Pinus pinea L.) Arch. Pharm. & Ber.Deut. Pharm. Ges. 266: 121-122. F. 1928. no.2.

Arch. Protistenk. (Jena)

Geitler, L.

Neue blaualgen aus Lunz. (Neue oder wenig bekannte microorganismen aus der umgebung von Lunz I). Arch. Protistenk. 60: 440-448. illus. Ja. 1928. no.2.

Mainx, F.

Beiträge zur morphologie und physiologie der eugleninen I-II. Arch. Protistenk. 60: 305-354, 355-414. illus., pl.10. Ja. 1928. no.2.

I. Morphologische beobachtungen, methoden und erfolge der reinkultur. II. Untersuchungen über die ernährungs- und reizphysiologie.

Schussnig, B. & Jahoda, R.

Beiträge zur entwicklungsgeschichte der protophyten III. Zur kenntnis der entwicklungschichte von Brongniartella byssoides. (G. et W.) Schm. Arch. Protistenk. 60: 221-267. illus., pl. 5-6. Ja. 1928. no. 2.

Austral. For. Jour. (Sydney)

Gray, H.R.

List of host plants of Fusanus spicatus - Santalum cygnorum. Austral. For. Journ. 10:324-325. D.1927. no.12.

Appended to his: Sandalwood, notes on the natural and artificial regeneration of the Western Australian sandalwood. Plants identified by C.A. Gardner.

V. 10, no.5, p.5.

De Bergcultures (Batavia, Java)

Menzel, R.

Professor Antonio Berlese. De Bergcultures. 2: 833. Ja.7, 1928. no. 28.

Ber. Deut. Bot. Ges. (Berlin)

Fritsch, K.

Die bestäubungsverhältnisse von Stellaria bulbosa Wulf. Ber. Deut. Bot. Ges. 45: 665-668. Ja. 1928. no. 10.

Håkansson, A.

Der sechzehnkernige embryosack von Azorella trifurcata (Gaertn.) Hook. Ber. Deut.Bot. Ges. 45: 654-664. illus. Ja. 1928. no. 10.

Heinricher, E.

Zur aufzucht der rafflesiacee Cytinus hypocistis L. aus samen. Ber. Deut. Bot. Fes. 45: 644-646. Ja. 1928. no.10.

Pojarkova, A. J.

Temperaturbedingungen der keimung als bestimmender faktor für ährenbildung beim wintergetreide. Ber. Deut. Bot. Ges. 45: 627-637. Ja.1928. no.10.

Rawitscher, F.

Weitere beiträge zum windeproblem. Ber.Deut. Bot. Ges. 45: 646-653. illus. Ja.1928. no.10.

Werth, E.

Floren-elemente und temperaturverteilung in Deutschland. Ber. Deut. Bot. Ges. 45: 638-643. pl. xvi. Ja.1928. no. 10.

Ber. Naturforsch. Ges. Freiburg.

Stark, P.

Die moore des Badischen Bodenseegebiets. II. Das areal um Hegne, Dettingen, Kaltbrunn, Mindelsee, Radolfszell und Espasingen. Ber. Naturf. Ges. Freiburg. i Br. 28: 1-238. 1928. no. 1.

Better Crops. (N.Y.)

Neal, D. C.

Wilt-resistant cotton varieties. Better Crops. 10(3): 19, 54. illus. F.1928.

V.10, no.5, p. 6.

Better Fruit. (Portland, Ore.)
Childs, L.
Complete spray calendars for 1928. Better Fruit. 22(8): 32-34. illus. F. 1928.

Hartman, H. & Robinson, R.H.
Observations on spray removal. Better Fruit. 22 (8): 24, 57. F.1928.

Better Homes & Gard. (Des Moines, Ia.)
Greeves-Carpenter, C.F.
Healing sick shade trees. The arteries and lungs of our staunch friends sometimes need attention. Better Homes & Gard. 6(7): 23,123. illus. Mr. 1928.

Biochem. Zeitschr. (Berlin)
Fuchs, W.
Zur physikalischen struktur des fichten-lignins. Biochem. Zeitschr. 192: 165-166. Ja. 1928. no.1/3.

Iwanoff, N.N.
Ueber harnstoff in pilzen. Biochem. Zeitschr. 192: 36-40. Ja. 1928. no.1/3.

Biol. Zentralbl. (Leipzig)
Konsuloff, S.
Die oligodynamische wirkung des destillierten und des leitungswassers auf höhere pflanzen. Biol. Zentralbl. 48: 65-69. 1928. no.2.

Bol. R. Soc. Span. Hist. Nat. (Madrid)
Allorge, Pierre
Muscineas nuevas para la flora española Bol. R. Soc. Span. Hist. Nat. 27: 455-459. D.1927. no. 10.

Bot. Tidsskr. (København)
Buchwald, N.F.
Mykologiske smaating I- Bot. Tidsskr. 40: 132-136. illus. Ja.1928. no.2.
I. To for Danmark nye,sjaeldne svampe.
English summary (Two rare fungi, new to Denmark) p.136.
Atractina biseptata, Nectria rubefaciens.

Christensen, C.
De aeldste beskrevne danske planter. Bot. Tidsskr. 40: 136-140. illus. Ja.1928. no.2.
Matthias de l'Obel.

Bot. Tidsskr. (cont.)

Gram, K.
Forskydninger i maglemoses vegetation siden 1913-14. Bot. Tidsskr. 40: 81-125. illus. Ja. 1928. no. 2.
Petersen, Henning E. Maglemose i grib skov X.

Iversen, J.
Ueber die spezies-umgrenzung und variation der Isöetes echinospora Durieu. Bot. Tidsskr. 40: 126-131. illus. Ja.1928. no. 2.

Botaniste (Paris)

Moreau, F. & Moreau, Mme. F.
Les phénomènes cytologiques de la reproduction chez les champignons des lichens. Botaniste. 20: 1-67. illus. Ja.1928. no.1/2.

Bull. Agr. Alg.-Tun.-Maroc. (Alger)

Trabut, L.
Le roseau d'Egypte, Saccharum biflorum dans les sables du littoral et du Sahara. Bull. Agr. Alg.-Tun.-Maroc. II, 34: 1-9. illus. Ja.1928. no.1.

Bull. Jard. Bot. Buitenzorg.

Bruggeman, M.L.A.
The numbered trees, shrubs and lianes in the forest of Mount Gedé near Tjibodas, West-Java. Bull. Jard. Bot. Buitenzorg. III, 9: 196-219. N.1927. no.1/2.

Danser, B.H.
In memoriam Casper van Overeem, gestorben am 28. Februar 1927. Bull. Jard.Bot. Buitenzorg. III, 9: 1-7. port. N.1927. no. 1/2.
Verzeichnis der publikationen van Overeem's: p.6-7.

Overeem, C.van.
Fragmente aus: Die nutzpilze Niederlaendisch-Indiens. Bull. Jard. Bot. Buitenzorg. III, 9: 8-22. N.1927. no.1/2.
Laetiporus flos-musae, Conchomyces verrucisporus, Crepidotus edulis, Pleurotus anas, Clitocybe hypocalamus, n.sp.

Bull. Jard. Bot. Buitenzorg. (cont.)

Slooten, D.F.van.
The Dipterocarpaceae of the Dutch East Indies IV. The genus Vatica. Bull. Jard. Bot. Buitenzorg. III, 9: 67-137. N.1927. no.1/2.

Smith, J.J.
An interesting new Thismia. Bull.Jard. Bot. Buitenzorg. III, 9: 220-222. illus. N.1927. no.1/2.
Thismia labiata, n.sp.

Smith, J.J.
Orchidaceae novae malayenses (cont.) Bull. Jard. Bot.Buitenzorg. III, 9: 138-195. N.1927. no.1/2.

Smith, J.J.
Die orchideen von Java. 7. nachtrag. Bull. Jard. Bot. Buitenzorg. III, 9: 23-66. pl. 2-8. N.1927. no.1/2.

Bull. Sci. Pharm. (Paris)

Hérail, J. & Melis, E.
Note sur un fausse salsepareille. Bull. Sci. Pharm. 30: 7-12. illus. Ja.1928. no. 1.
Undetermined, not the ordinary sarsaparilla.

Bull. Torr. Club.

Dayton, W.A.
Callisteris violacea Greene. Bull. Torrey Bot. Club. 55: 69-71. pl.4. Ja.1928. no.1.

Dayton, W.A.
A new Gilia from the Montezuma national forest. Bull. Torrey Bot. Club. 55: 73-74. pl.5. Ja. 1928. no. 1.
Gilia montezumae, sp.nov.

Karling, J. S.
Nuclear and cell division in the antheridial filaments of the Characeae. Bull. Torrey Bot. Club. 55: 11-39. pl. i. Ja.1928. no. 1.

McAllister, F.
Sex ratio and chromosomes in Riccia curtisii. Bull. Torrey Bot. Club. 55: 1-10. illus. Ja.1928. no. 1.

Bull. Torr. Club. (cont.)

Osterhout, G. E.

New plants from Colorado. Bull. Torrey Bot. Club. 55: 75-76. Ja.1928. no.1.

Quamoclidion cordifolium, Astragalus linifolius, Townsendia diversa, sp.nov.

Trelease, S.F. & Trelease, H.M.

Susceptibility of wheat to mildew as influenced by salt nutrition. Bull. Torrey Bot. Club. 55: 41-68. pl.2-3. Ja.1928. no. 1.

Bult. Sci. Fak. Terkult. Kjušu Imp. Univ.

Fukaki, S.

Untersuchungen ueber die bestöckung der reispflanzen (Oryza sativa) I- Bult. Sci. Fak. Terkult. Kjušu Imp. Univ. 2: 340-365. D.1927. no.5.

Text in Japanese; English summary: p. 364-365.

I. Einfluss der bewässerungs- und beleuchtungsgrades auf die bestockung, mit berücksichtigung des einflusses einiger anderer faktoren.

Suzuki, S., Omori, H. & Araki, Y.

On a property of twinning plants. II. Bult. Sci. Fak.Terkult. Kjušu Imp. Univ. 2: 389-398. D.1927. no.5.

Text in Japanese; English summary: p.298.

Takimoto, S.

A bacterial disease of mulberry and its causal organism. Bult. Sci. Fak.Terkult. Kjušu Imp. Univ. 2: 317-323. D.1927.

Text in Japanese, English summary: p.323.

Two bacteria found, one white and one yellow, the latter not pathogenic and found at later stage of disease; the former identical with Bact. mori "in comparison for cultural, morphological and physiological characters".

Canad. Hort. (Peterboro, Ont.)

Berkeley, G.H.

Raspberry mosaic and its eradication. Canad. Hort. 51: 33-34. F.1928. no.2.

Dutton, W.C.

The fruit grower's spraying material problem. Canad. Hort. 51: 27-28. illus. F.1928. no.2.

Canad. Hort. (cont.)

Sands, D.R.

Fungus pests of the vegetable garden. Canad. Hort. 51: 29-31. illus. F.1928. no.2.

Centralbl. Bakt. Abt. II. (Jena)

Gaisberg, E.v.

Studien über den lärchenkrebspilz, Dasyscypha willkommii, insbesondere über die keimung seiner sporen. Centralbl. Bakt. Abt.II. 73: 206-233. Ja.1928. no.8/14.

Wehmer, C.

Die gattung "Citromyces" und die zitronensäurebildung. Centralbl. Bakt. Abt. II. 73: 161-162. Ja.1928. no.8/14.

Compt. Rend. Acad. Agr. France. (Paris)

Notice sur M. Auguste Truelle. Compt. Rend. Acad. Agr. France. 14: 152-155. F.1, 1928. no.5.

Petit, A.

Résultats d'expériences faites au sujet du traitement de la carie du blé. - Avantages de certains sels de cuivre. Compt. Rend. Acad. Agr. France. 14: 157-162. F.1, 1928. no.5.

Compt. Rend. Acad. Sci. Paris.

Bourcet, P.

Sur la digitine de Nativelle. Compt. Rend. Acad. Sci. Paris. 186: 395-397. F.6, 1928. no.6.

Caro, L.d.

Rendement énergétiques comparés de divers glucides dans le développement des moisissures. Compt. Rend. Acad. Sci. Paris. 186: 394-395. F.6, 1928. no.6.

Sterigmatocystis nigra.

Chemin, E.

Sur un Acrochoetium endosoïque et le développement de ses spores. Compt. Rend. Acad. Sci. Paris. 186: 392-394. illus. F.6, 1928. no.6.

Acrochoetium infestans.

Lemesle, R.

Formations subéreuses anormales chez une labiée (Hymenocrater). Compt. Rend. Acad. Sci. Paris. 186: 455-457. illus. F.13, 1928. no.7

May be result of alternations of humidity and intense dryness of the region (arid north-east part of Persia).

Compt. Rend. Acad. Sci. Paris. (cont.)

Lewin, L.

Sur une substance envirante, la banistérine, extraite de Banisteria caapi. Compt. Rend. Acad. Sci. Paris. 186: 469-471. F.13, 1928. no. 7.

Toxic and narcotic.

Compt. Rend. Soc. Biol. Paris.

Beauverie, J.

Sur la valeur des inclusions huileuses ou lipoides des plastes (leuco- ou chloroplastes) et des mitochondries. Compt. Rend. Soc. Biol. Paris. 98:311-312. F.1928. no.4.

Beauverie, J.

Le vacuome d'une bactérie (Azotobacter). Compt. Rend. Soc. Biol. Paris. 98: 309-311. F. 1928. no.4.

Azotobacter chroococcum.

Chemin, E.

Une forme anormale de Bonnemaisonia asparagoides Ag. Compt. Rend. Soc. Biol. Paris. 98: 339-341. illus. F.10, 1928. no.5.

Dufrenoy, J.

Cytologie des cellules d'oignon parasitées par le Peronospora schleidenii. Compt. Rend. Soc. Biol. Paris. 98: 372-373. illus. F.10, 1928. no.5.

Dufrenoy, J.

Modifications des mitochondries et des plastides dans les cellules de feuilles de haricots affectées de mosaique. Compt. Rend. Soc. Biol. Paris. 98: 373-374. illus. F.10,1928. no.5.

Gabriel, C.

Influence du climat marin côtier sur un végétal, Euphorbia artaudiana,D.C. Compt. Rend. Soc. Biol. Paris. 98: 323-324. F.1928. no.4.

Country Life (London)

Among trees and shrubs. Country Life. 63 (Suppl.): lxxv, lxxvii-lxxviii. illus. F.18, 1928.

Some good hybrid rhododendrons; shrubs for autumn colour; shrubs for exposed situations.

Country Life (cont.)

Clematis montana and its varieties. Country Life. 63(Suppl.): xciv. illus. F.18,1928. no.1622.

Hanbury, C.

La Mortola, Ventimiglia, Italy. Country Life. 63: 184-191. illus. F.11, 1928. no.1621.

Dansk. Bot. Ark. (København)

Grönlund, J.

Die flora der Insel Wormsö, ein beitrag zur flora Estlands. Dansk Bot. Ark. 5(4): 1-60. illus. 1927.

Défense Agr. Beauce et Perche (Chartres)

Egasse, Ch.

Il faut remplacer tous les blés atteints par la gelée. Défense Agr. Beauce et Perche. 25: 61-62. F.11, 1928. no.6.

Deut. Landw. Presse. (Berlin)

Pape, H.

Krankheit und schädlinge der futter- und wiesenpflanzen und ihre bekämpfung. Deut. Landw. Presse. 55: 83-84. illus. F.11,1928. no. 6.

Floralia (Assen, Netherlands)

Schenk, P.J.

Het andijvierot. Floralia. 49: 107-108. illus. F.17, 1928. no. 7.

Marssonia panattoniana on endive.

Schenk, P. J.

Ziekten van frambozen. Floralia. 49: 90-91. illus. F.10, 1928. no. 6.

Flor. Exch. (N.Y.)

White, Thomas H.

The attitude toward plant diseases. Flor.Exch. 67: 702. F.25,1928. no.8.

Flow. Grow. (Calcium, N.Y.)

Weiss, F.

Dahlia stunt, potato blight, etc. Flow. Grow. 15: 106. Mr.1928. no.3.

Considerable evidence that dahlia stunt results from some defect of culture or from attack of some insect.

V.10, no.5, p. 13.

Flygbl. Centralanst. Jordbruksförs. Sweden.
Kemner, N.A.
Nematoder pa potatis en ny fara för vår Svenska potatisodling. Flygbl. Centralanst. Jordbruksförs. Sweden. 125. 5 p. illus. O.1927.

Forstw. Centablbl. (Berlin)
Bokorny, T.
Beitrag zur kenntnis des lebenden zellinhaltes der rinde und blätter unserer waldbäume. Forstw. Centralbl. 50: 86-96. illus. F.1,1928. no.3.

Fortschr. Landw. (Vienna)
Duckart, J.
Selbst-sterilität, selbst-fertilität und wirkungen der inzestzucht bei roggen. Fortschr. Landw. 3: 97-105. illus. F.1,1928. no.3.

Költermann,
Die einwirkung von krankheiten auf die keimung der kartoffelknolle. Fortschr. Landw. 3: 116-118. F.1, 1928.

Straub, W.
Versuche mit düngemitteln zur steinbrandbekämpfung des weizens. Fortschr. Landw. 3: 110-114. F.1, 1928. no.3.

Gard. & Home Builder. (Garden City, N.Y.)
Hansen, A. A.
Getting dandelions off the lawn. Garden & Home Builder. 47(1): 32, 82. illus. Mr.1928.

McLean, F. T.
Tested and proved prize winners in gladiolus. Garden & Home Builder. 47(1): 23-24, 78. illus. Mr. 1928.

Ray, C.N.
An everblooming cactus from Texas. Garden & Home Builder. 47(1): 57, 114. illus. Mr.1928.
Hamatocactus setispinus.

Gard. Chron. (London)
Brown, N.E.
Mesembryanthemum (cont.) Glottiphyllum, Haw. Additional species. Gard. Chron. III, 83: 123-124. illus. F.18,1928. no.2147.

Grove, A.
The genus Primula. Gard. Chron. III, 83: 120-122. illus. F. 18, 1928. no.2147.

Gard. Chron. (cont.)

Ludwig Beissner. Gard. Chron. III, 83: 110. F.11,1928. no.2146.

Ward, F.K.
Burmese Primulas, 1926 (concl.) Gard Chron. III, 83: 122. F.18,1928. no.2147.

Ward, F.K.
Mr. F. Kingdon Ward's ninth expedition in Asia XXV. The Mishmi hills. Gard. Chron. III, 83: 102-103. illus. F.11,1928. no.2146.

Wilson, M.J.F.
A disease of the Douglas fir and other conifers Gard. Chron. III, 83: 105. illus. F.11,1928. no.2146.
A species of Dermatea, probably new, of which the conidial stage is Myxosporium abietinum.

Worsley, A.
Bigeneric hybrids among the amaryllideae. Gard. Chron. III, 83: 99-101. illus. F.11, 1928. no.2146.

Gard.Illus. (London)

Churcher, G.
The gladiolus. I- Gard. Illus. 50: 103. illus. F.18, 1928. no.2554.
I. History and rapid development- early attempts at hybridisation.

Gartenw. (Berlin)

Schmidt, Eugen.
Winke zur bekämpfung des vermehrungspilzes. Gartenw. 32: 76. F.10, 1928. no.6.

Giorn. Risicolt. (Vercelli)

Novelli, N.
Studi intorno all'acidità del terreno in risaia. Giorn. Risicolt. 18: 1-5. Ja.31,1928. no.1.

Grande Rev. Agr.

Chevalier, J. & Bourcet, P.
Les dérivés organiques du soufre comme insecticides et fongicides en agriculture. Grande Rev. Agr. 1927: 130-131, 133-315. D.1927 (Rec'd F.1928) no.2.
Ligue nationale de lutte contre les ennemis des cultures, réunion de 17 novembre.

Grande Rev. Agr. (cont.)

Duconet, V.

Le mildiou de la pomme de terre. Grande Rev. Agr. 1927: 135-136. D.1927 (Rec'd F.1928) no.2.

Ligue nationale de lutte contre les ennemis des cultures, réunion de 17 novembre.

Hawaiian Plant. Rec. (Honolulu)

Baldwin, H.W.

A study of the relative water requirements of long and short crops under intermittent and non-intermittent harvesting. Hawaiian Plant. Rec. 32: 118-122. Ja.1928. no. 1.

Carpenter, C.W.

Notes on Pythium root rot of sugar cane. Hawaiian Plant. Rec. 32: 107-117. Ja.1928. no.1.

P. aphanidermatum.

Das, U.K.

The influence of weather on the production of sugar in a typical unirrigated plantation of Hawaii. Hawaiian Plant. Rec. 32: 79-107. Ja.1928. no.1.

Giffard, W. M.

Notes in reference to the introduction and distribution in Hawaii of Yellow Caledonia and Rose Bamboo canes. Hawaiian Plant. Rec. 32: 1-4. Ja. 1928. no. 1.

Hadden, F. C.

Sugar cane mosaic and insects. Hawaiian Plant. Rev. 32: 130-142. Ja.1928. no.1.

Hance, F.E. & Stewart, G.R.

The possible influence of zinc and phosphates in giving resistance to eye spot in H 109 cane. Hawaiian Plant. Rec. 32: 11-14. Ja. 1928. no.1.

Lee, H.A.

A better understanding of pokkah bong and twisted top of sugar cane. Hawaiian Plant. Rec. 32: 41-50. illus. Ja.1928. no. 1.

Lee, H.A.

Experiments showing the cause of leaf burn of sugar cane. Hawaiian Plant. Rec. 32: 50-56. illus. Ja.1928. no.1.

Caused by excessive transpiration; nitrogen fertilizers predispose cane plants to leaf burn.

Hawaiian Plant. Rec. (cont.)

Lennox, C.G.

The effect of covering on the germination of sugar cane fuzz. Hawaiian Plant. Rec. 32: 14-17. Ja.1928. no.1.

Martin, J.P.

The eye spot infection index and tolerance index of seedlings tested to date. Hawaiian Plant. Rec. 32: 5-8. Ja.1928. no. 1.

Martin, J. P. & Lee, H. A.

The time of application of nitrogen fertilizers in relation to eye spot disease. Hawaiian Plant Rec. 32: 9-11. Ja. 1928. no. 1.

Hoppe-Seyl. Zeitschr. Phys. Chem. (Berlin)

Kiesel, A.

Untersuchungen über protoplasma IV. Beitrag zur kenntnis des plastins der myxomyceten und seine vermutliche alterung. Hoppe-Seyl. Zeitschr. Phys. Chem. 173: 169-183. Ja.1928. no.3/4.

Hort. Illus.(Boston)

Wilson, E. H.

A rare lily blooms in New England. Hort. Illus. 6(4): 74. illus. F.15,1923.

Lilium ochraceum.

Indische Mercuur (Amsterdam)

Prinsen Geerligs, H. C.

Ziekteverschijnselen in het suikerriet POJ 2873. Indische Mercuur. 51: 101-102. F.8, 1928. no. 6.

Informe Estac. Exp. Agr. Soc. Nac. Agr. Lima.

Townsend, C.H.T.

Enfermedades y pestes observadas en los cultivos de montaña central (departamentos de Junin y Huánuco). Informe Estac. Exp. Agr. Soc. Nac. Agr. Lima. no. 1. 14 p. plates, map. O.1927 (Rec'd F.1928)

Informe de la seccion de fitopatologia (E.V. Abbott, jefe): p.9-14.

Iowa State Coll. Journ. Sci. (Ames, Ia.)

Paige, F.W.
A list of fleshy fungi from Webster County, Iowa. Iowa State Coll. Journ. Sci. 2: 117-135. Ja.1928. no.2.

Platz, G. A.
The relation of oxygen to the germination of the chlamydospores of Ustilago zeae (Beck.) Unger. Iowa State Coll. Journ. Sci. 2: 137-144. Ja.1928. no. 2.
A preliminary report.
Chlamydospores do not germinate in absence of oxygen.

Izv. Leningr. Lesn. Inst. (Mitt. Leningr. Forstinst.)

Konovalov, N.A. & Povarnitsyn, V.A.
Zur methodik der statistisch phytoziologischen analyse von waldassoziationen. Izv. Leningr. Lesn. Inst. (Mitt. Leningr. Forstinst.) 35: 69-104. 1927. (Rec'd F.1928)
Russian with German summary.

Jahrb. Wiss. Bot. (Leipzig)

Herzfeld, S.
Nachtrag zu meiner arbeit "Beitrage zur kenntnis von Ginkgo". Jahrb. Wiss. Bot. 67: 981. Ja. 1928. no.5.

Huber, B.
Weitere quantitative untersuchungen über das wasserleitungssystem der pflanzen. Jahrb. Wiss Bot. 67: 877-959. Ja.1928. no.5.

Pisek, A.
Beitrag zu einem quantitativen vergleich von lichtwachstumsreaktion und phototropismus der haferkoleoptile. Jahrb. Wiss. Bot. 67: 960-980. Ja.1928. no.5.

Schwemmle, J.
Genetische und zytologische untersuchungen an su-oenotheren I- Jahrb. Wiss. Bot. 67: 849-876. illus., pl. 2-3. Ja.1928. no.5.
Oenothera berteriana x odorata.

Journ. Amer. Soc. Agron. (Geneva, N.Y.)

Bailey, M.V.
Growth and distribution of Japan clover in Ohio. Journ. Amer. Soc. Agron. 20: 118-122. F.1928. no.2.
Lespedeza striata.

V.10, no.5, p.18.

Journ. Amer. Soc. Agron. (cont.)

Clark, J.A. & Ausemus, E.R.
Immunity of Hope wheat from black stem rust inherited as a dominant character. Journ. Amer. Soc. Agron. 20: 152-159. illus. F. 1928. no.2.

Hanson, H.C. & Smith, F.B.
Some types of vegetation in relation to the soil profile in northern Colorado. Journ. Amer. Soc. Agron. 20: 142-151. illus. F.1928. no.2.

Schafer, E.G. & Gaines, E.F.
A wheat variety survey in Washington. Journ. Amer. Soc. Agron. 20: 171-181. F.1928. no.2.

Stewart, G.
Inheritance of awns in crosses involving Sevier and Federation wheats. Journ. Amer.Soc. Agron. 20: 160-170. F.1928. no.2.

Tascher, W. R. & Dungan, G.H.
Seedling vigor and diastatic activity of dent corn as related to composition of endosperm and stage of maturity. Journ. Amer. Soc. Agron. 20: 133-141. F.1928. no.2.

Journ. Bot. (London)

Britton, C.E.
Notes on some minor varieties of British plants. II. Journ. Bot. 66: 41-44. F.1928. no.782.

Dandy, J.E.
Three new Magnolieae. Journ. Bot. 66: 46-48. F.1928. no.782.
Manglietia calophylla, Talauma sclerophylla, Michelia mediocris, sp.nov.

Exell, A.W.
Mr. John Gossweiler's plants from Angola and Portuguese Congo. (cont.) Dicotyledones, Polypetalae. Journ. Bot. 66(Suppl.): 89-96. F.1928. no.782.

Godfery, M.J.
Classification of the genus Ophrys. Journ.Bot. 66: 33-36. F.1928. no.782.

Journ. Bot. (cont.)

Good, R.D'O.
Notes on Capt. G.N. Humphrey's plants from the Ruwenzori Mountains. Journ. Bot. 66: 37-41. F.1928. no.782.
Thunbergianthus ruwenzoriensis, Senecio humphreysii, Deschampsia angusta, sp.nov.

Jávorka, A.
Hungarian species of Onosma (cont.). Journ. Bot. 66: 57-64. F.1928. no.782.

Turrill, W.B.
Geranium endressii J. Gay in Cornwall. Journ. Bot. 66: 44-46. F.1928. no.782.

William Charles Frank Newton (1895-1928) (sic.) Journ. Bot. 66: 51. F.1928. no.782.
Died Dec.22, 1927.

Journ. Dept. Agr. Victoria (Melbourne)

Castella, F.de.
Sulphuring and spraying vines. Journ. Dept. Agr. Victoria. 25: 732-735. D.1927. no.12.

Wormald, H.
Brown rot of apples. Journ. Dept. Agr. Victoria. 25: 763-765. D.1927. no.12.

Journ. Dept. Agr. West. Australia. (Perth)

Adams, A.B., Carne, W.M. & Gardner, C.A.
Subterranean clover (Trifolium subterraneum L.) Journ. Dept. Agr. West. Australia. II, 4: 524-530. illus. D.1927. no.4.

Bennetts, H.W.
Feeding tests with western Australian poison plants. Journ. Dept. Agr. West. Australia. II, 4: 509-510. D.1927. no.4.

Carne, W.M.
Cape tulip (Homeria spp.) Journ. Dept. Agr. West. Australia. II, 4: 554-555. illus. D.1927. no.4.
H. collina & H. miniata.

Carne, W.M., Gardner, C.A. & Adams, A.B.
Crimson clover (Trifolium incarnatum, Linn.) Journ. Dept. Agr. West. Australia. II, 4: 496-497. illus. D.1927. no.4.

V.10, no.5, p.20.

Journ. Dept. Agr. West. Australia. (cont.)

Carne, W.M.

Grey speck disease of wheat and oats (known as white wilt in western Australia). Journ. Dept. Agr. West. Australia. II, 4: 515-519. illus. D.1927 no.4.

Caused by deficiency of nitrogen and some chemical defect of the soil associated with calcium salts and low temperature.

Carne, W.M.

Root-rot and foot-rot of wheat (Wojnowicia graminis and Helminthosporium sativum). Journ.Dept. Agr. West. Australia. II, 4: 483-488. illus. D. 1927. no.4.

Carne, W.M. & Gardner, C.A.

Wild, or Afghan melon (Citrullus vulgaris, Schrad.) Journ. Dept. Agr. West. Australia. II, 4: 473. illus. D.1927. no.4.

Sutton, G. L.

"Whiteheads" and other "take-all" like diseases. Journ. Dept. Agr. West. Australia. II, 4: 500-502. D.1927. no.4.

Wojnowicia graminis is the fungus which causes most of the trouble this year.

Sutton, G. L.

Yandilla king and rust. Journ. Dept. Agr.West. Australia. II, 4: 504-505. D.1927. no.4.

Journ. Hered. (Washington)

Fairchild, D.

Roxburgh's giant fig in Teneriffe. Journ. Hered. 18: 533-536. illus. D.1927. no.12.

Ricus roxburghii.

Plant introduction contr. Allison V. Armour exp. 1925-1926.

Garber, R.J. & Hoover, M.M.

Another chlorophyll mutation in maize. Journ. Hered. 18: 543. illus. D.1927. no.12.

Ragionieri, A.

Origin of the Florentine Bizzarria. Journ. Hered. 18: 527-528. D.1927. no.12.

Journ. Hered. (cont.)

Smith, C.O.
A pistillate Prunus. Journ. Hered. 18: 537-541. illus. D.1927. no. 12.
Prunus umbellata.

Journ. N.Y. Bot. Gard.

Stout, A. B.
The bulbs and bulb-habits of lilies. Journ. N.Y. Bot. Gard. 29: 25-42. illus. F.1928. no.338.

Journ. Roy. Hort. Soc. (London)

Barr, P.R.
Miniature daffodils. Journ. Roy. Hort. Soc. 53: 25-30. Ja.1928. no. 1.

Coltman-Rogers, C.
Birches. Journ. Roy. Hort. Soc. 53: 57-80. Ja.1928. no.1.

Dandy, J.E.
Magnolia sinensis and M. nicholsoniana. Journ. Roy. Hort. Soc. 53: 115. Ja.1928. no. 1.
Some of the plants in Britain supposed to be M. nicholsoniana are in reality M. sinensis.

Dowson, W.J.
Some fungus diseases of bulbs. Journ. Roy. Hort. Soc. 53: 45-54. Ja.1928. no.1.

Nekrassowa, V.L.
The walnut woods of Turkestan. Journ. Roy. Hort. Soc. 53: 55-56. pl. Ja.1928. no.1.

Ostenfeld, C.H.
The present state of knowledge on hybrids between species of flowering plants. Journ. Roy, Hort. Soc. 53: 31-44. Ja.1928. no. 1.

Pilkington, G.L.
Tall bearded irises. Journ. Roy. Hort. Soc. 53: 92-102. plates. Ja.1928. no. 1.

Ullswater,
The gardens at Campsea Ashe. Journ. Roy. Hort. Soc. 53: 1-7. plates. Ja.1928. no. 1.

V.10, no.5, p. 22.

Journ. Washington Acad. Sci.

Killip, E. P.

New South American Loasaceae. Journ. Washington Acad. Sci. 18: 89-95. F.19, 1928. no.4.

Kisérl. Közlem. (Bull. State Agron. Hongr.) (Budapest)

Bodnár, J.

Egyszeru és gyors analitikai eljárások növényvédelmi szerek hatóanyagának meghatározasára II. A réstérfogatos meghatározása növényvédelmi szerekben, vas, arzén és higany mellett. (Einfache und schnelle analytische methoden zur bestimmung des wirkungssubstanzgehalts von pflanzenschutzmitteln. II. Die titrimetische bestimmung des kupfers in pflanzenschutzmitteln auch bei gegenwart von eisen, arsen und quecksilber). Kisérl. Közlem (Bull. Stat. Agron. Hongr.) 30: 449-466. N.1927 (Rec'd F. 1928) no.5.

German résumé: p. 465-466.

Kabay, J.

A magyarországhan termelt Iris germanica rhizomájának chemiai összetétele. (Die chemische zusammensetzung der in Ungarn kultiwierten Iris germanica rhizome). Kisérl. Közlem. (Bull. Stat. Agron. Hongr.) 30: 539-544. N.1927 (Rec'd F. 1928) no.5.

Hungarian with German summary: p.544.

Maucha, R.

A phytonannoplankton asszimilációs szénszükségletének forrásai (Die kohlenstoffquellen der assimilation des phytonannoplanktons). Kisérl. Közlem. (Bull. Stat. Agron. Hongr.) 30: 545-554. port. N. 1927. no.5.

Hungarian with German summary: p.554.

Terényi, S.

A viz éstalaj hatása a rézgálicos búzacsávázásnál. (Die wirkung des wassers und bodens bei der kupfervitriolbeize des weizens). Kisérl. Közlem. (Bull. Stat. Agron. Hongr.): 30: 467-471. N. 1927. no.5.

Hungarian with German summary: p.471.

Kolloid-Zeitschr. (Dresden)

Bokorny, T.

Zur kenntnis des kolloiden eiweissinhaltes der lebenden pflanzenselle. Kolloid-Zeitschr. 44: 166-173. illus. F.1928. no.2.

V.10, no.5, p. 23.

Kranke Pflanze (Dresden)
Esmarch, F.
Pilzliche samenverderber. Kranke Pflanze. 5: 4-7. Ja.1928. no.1.

Landtm. Tids. Landtm. (Stockholm)
Lindfors, T.
Om behovet av att beta årets vårutsäde. Landtm. Tids. Landtm. 11: 117. F.18, 1928. no. 7.
Fusarium diseases of cereals.

Leafl. Dept. Agr. Punjab.
Luthra, J.C.
The loose smut of wheat (Ustilago tritici). Leafl. Dept. Agr. Punjab. no.46, 2 p. pl. 1927.

Singh, S.L.
Protecting trees from sun-burn. Leafl. Dept. Agr. Punjab. no.51. 4 p. 1927.

Leafl. For. Comm. Gt. Brit.
Douglas fir leaf-cast disease (Rhabdocline pseudotsugae Syd.) Leafl. For. Comm. Gt. Brit. no. 18. 2 p. pl. D.1927.

Leafl. Min. Agr. Northern Ireland.
Northern Ireland - Ministry of agriculture.
Potato experiments, 1927. Its Leafl. 7 13 p. pl. D.1927.
Trials for immunity to wart disease.

Matières Grass. (Paris)
Pieraerts, J., Ipatieff, N. & Simar, E.
Contribution à l'étude chimique des malvales II. Une bombacée intéressante: le Pachira aquatica Aubl. Sa signification à titre d'oléagineux. Matières Grass. 20: 8085-8086. F.15, 1928. no.238.

Meded. Deli Proefst. Medan, Sumatra.
Jochems, S.C.J.
Het behoud van de kiemkracht van tabakszaad in den grond. Meded.Deli Proefst. Medan - Sumatra. II, no.50. 27 p. pl. 1927.
English summary (On viability of tobacco seed buried in the soil on Sumatra's East Coast): p.26-27.

Mem. & Proc. Manchester Lit. & Phil. Soc.
Lang, W.H.
On some early palaeozoic plants from Victoria, Australia. Mem. & Proc.Manchester Lit. & Phil. Soc. 71: 41-51. plates. 1927.

Mem. & Proc. Manchester Lit. & Phil. Soc. (cont.)

Weiss, F. E.

Some recent advances in our knowledge of inheritance in plants. Mem. & Proc. Manchester Lit. & Phil. Soc. 71: 75-86. illus. 1927.

Mem. R. Acad. Cienc. Madrid.

González Fragoso, R.

Estudio sistemático de los hifales de la flora española conocidos hasta esta fecha. Mem. R. Acad. Cienc. Madrid. II, v.6. 377 p. illus. 1927.

Mitt. Deut. Landw. Ges. (Berlin)

Reinmuth, E.

Indirekte bekämpfungsmassnahmen im pflanzenschutz. Mitt. Deut. Landw. Ges. 43: 105-107. F.4, 1928. no.5.

Month. Bull. Dept. Agr. Calif.(Sacramento)

Johnson, E.

Recent developments in the use of herbicides in California. Month. Bull. Dept. agr. Calif. 17: 7-16. illus. Ja.1928. no. 1.

Mycologia.

Honey, E. E. & Fisher, W.R.

Dark-field microscopy in the study of fungi. Mycologia. 20: 88-96. pl. 13. Mr./Ap.1928. no.2.

Graff, P.W.

Contributions to our knowledge of western Montana fungi I- Mycologia. 20: 101-113. Mr./Ap. 1928. no.2.

I. Myxomycetes.

Hedgcock, G.C.

A key to the known aecial forms of Coleosporium occurring in the United States and a list of the host species. Mycologia. 20: 97-100. Mr./Ap. 1928. no. 2.

Kern, F.D.

Fungi of Santo Domingo II. Uredinales. Mycologia. 20: 60-82. Mr./Ap. 1928. no.2.

Uredo toroiana, U. bullula, sp.nov.

Mycologia (cont.)

Seaver, F.J.
Studies in tropical Ascomycetes IV. Some Hypocreales from Trinidad. Mycologia. 20: 52-59. pl. 8-12. Mr./Ap. 1928. no.2.
Podocrella poronioides, Nectria indusiata, sp.nov.

Shear, C.L.
Lars Romell. Mycologia. 20: 49-51. port. Mr./Ap.1928. no.2.

Shear, C.L.
Notes on the synonymy of some species of Hypoxylon. Mycologia. 20: 83-87. Mr./Ap. 1928. no.2.

Nature (London)

Challenger, F., Klein,L., Subramaniam, V., Walker, T.K.
The formation of citric acid by Aspergillus niger. Nature. 121: 244. F.18,1928. no.3042.

Keith, A.
The bicentenary of John Hunter. Nature. 121: 210-212. ports. F.11,1928. no.3041.

Naturforsch. (Berlin)

Darmstädter, L.
Leonhard Thurneisser zum Thurn, die lauftbahn eines alchimisten. Naturforsch. 4:547-549. F.1928. no.11.

Naturwissenschaften. (Berlin)

Krause, K.
Gehölze im innern Kleinasien. Naturwissenschaften. 16: 73-75. F.3, 1928. no.5.

New Zeal. Journ. Agr. (Wellington)

Atkinson, E.
Weeds and their identification. (cont.) New Zeal. Journ. Agr. 36: 44-47. illus. Ja. 1928. no. 1.

Levy, E.B.
The grasslands of New Zealand. Ser.II. North Island hill country. Grasses and clovers for hill country (cont.) Brown-top (Agrostis tenuis). New Zeal. Journ. Agr. 36: 1-18. illus. Ja.1928. no. 1.

Nord. Jordbrugsforskn. (København)

Bremer, A.H.
Opspiring av hagefrø under ulike temperaturer. Nord Jordbrugsforskn. 1927: 377-390. no.5/6.
English summary: p.388.

Nilsson-Ehle, H.
W. Johannsen. Nord Jordbrugsforskn. 1927: 361-364. port. no.5/6.

Wexelsen, H.
Litt om selvsterilitet. Et nytt område innen genetiken. Nord. Jordbrugsforskn. 1927: 391-396. no.5/6.

Obst- u. Gemüseb. (Berlin)

Ludwigs, K.
Der kampf gegen die vermehrungspilze. Obst. u. Gemüseb. 74: 6-7. Ja.18, 1928. no. 1.

Die sklerotienkrankheit des spargels. Obst- u. Gemüseb. 74: 11. Ja.18, 1928. no.1.

Ohio Journ. Sci. (Columbus)

Stover, E.L.
The roots of wild rice, Zizania aquatica L. Ohio Journ. Sci. 28: 43-49. illus. Ja.1928. no.1.

Pacific Rural Press. (San Francisco)

Tesche, W.C.
When shot-hole and brown rot threaten. Pacific Rural Press. 115: 206, 210. F.18,1928. no. 7.
On apricot.

Pflanzenbau. (Berlin)

Mader, W.
Saatzeit und sorte bei sommerhafer. Pflanzenbau. 4: 225-228. F.1, 1928. no.15.

Noeldechen, J.
Dreijährige trockenbeizversuche. Pflanzenbau. 4: 198-202. Ja.1,1928.

Sachse, K.
Die kartoffelkeimprüfung in der praxis. Pflanzenbau. 4: 202-204. Ja.1, 1928. no.13.

Pharm. Journ. (London)

Wallis, T.E.
Zamia floridana and Florida arrowroot. Pharm. Journ. 120: 50. Ja.21,1928. no.3351.

V.10, no.5, p.27.

Phytopath. (Lancaster, Pa.)
Levine, M.N.
Biometrical studies on the variation of physiologic forms of Puccinia graminis tritici and the effects of ecological factors on the susceptibility of wheat varieties. Phytopath. 18: 7-123. pl.i. Ja.1928. no.1.

Plant. & Sugar. Manuf. (New Orleans)
Menendez Ramos. R.
Badila or New Guinea 15. An old, promising "new cane" for Cuba. Plant & Sugar Manuf.. 80: 121-123. illus. F.18,1928. no.7.

Planta. Arch. Wiss. Bot. (Berlin)
Collorio, H.M.
Untersuchungen über die beziehuncen (sic) zwischen der wasserabgabe der pflanzen und ihrer atmungsgrösse. Planta, Arch. Wiss. Bot. 5: 1-27. F.1928. no.1.

Hannig, E. & Slatmann, W.
Phytoserologische untersuchungen I- Planta, Arch. Wiss. Bot. 5: 135-160. F.1928. no.1.
I. Ueber die ausschaltung der "normalringe" an der schichtfläche zwischen antigen und normal-serum bei der präzipitinringmethode.

Kugler, H.
Ueber invers-dorsiventrale blätter. Planta, Arch. Wiss. Bot. 5: 89-134. illus. F.1928. no.1.

Hösler, P.
Histologische studien am vegetationspunkt von Triticum vulgare. Planta, Arch. Wiss. Bot. 5: 28-69. illus., pl.i-v. F.1928. no.1.

Wagner, N.
Die induktion von mitosen auf entfernung. Ueber die von A.Gurwitsch entdeckten "mito-genetischen strahlen". Planta, Arch. Wiss. Bot. 5: 70-88. illus. F.1928. no. 1.

Proc. K. Akad. Wetensch. Amsterdam.
Coelingh, W.M.
On the retarding influence of the longitudinal component of gravity on the geotropic reaction of roots of Pisum sativum. Proc. K. Akad. Wetensch. Amsterdam. 30: 930-933. 1927. no.8.

Proc. K. Akad. Wetensch. Amsterdam. (cont.)

Romburgh, P.van.
The essential oil from the leaves of Caesalpinia sappan L. Proc. K. Akad. Wetensch. Amsterdam. 30: 840-843. 1927. no.8.
Provisional communication.

Proc. Pineapple Men's Conf.

Bowers, F.A.
Distribution of roots in the soil. Proc. Pineapple Men's Conf. 1927. 6: 198-206. illus. 1927 (Rec'd F. 1928)

Godfrey, G.H.
Proposed variations in soil preparation for nematode control. Proc. Pineapple Men's Conf. 1927, 6: 81-86. illus. 1927 (Rec'd F.1928)

Godfrey, G.H.
What is a nematode? Proc. Pineapple Men's Conf. 1927, 6: 26-36. illus. 1927 (Rec'd F.1928)

Horner, A.
Fasciated fruit. Proc. Pineapple Men's Conf. 1927; 6: 109-112. 1927 (Rec'd F. 1928)
Discussion led by A. Horner.

Krauss, F.G.
Fundamental principles of heredity and breeding. Proc. Pineapple Men's Conf. 1927, 6: 18-25. 1927 (Rec'd F.1928)

Sideris, C.P.
Marbled fruit disease of pineapples. Proc. Pineapple Men's Conf. 1927, 6: 233-238. illus. 1927 (Rec'd F.1928)
Bacterial disease, organism undetermined.

Sideris, C. P.
The relation of various factors to pineapple wilt. Proc. Pineapple Men's Conf. 1927, 6: 206-213. 1927 (Rec'd F.1928)
These investigations have been conducted by C.P. Sideris and B. Krauss.

Sideris, C.P.
Side rot of Pineapple plants. Proc. Pineapple Men's Conf. 1927, 6: 74-81. 1927 (Rec'd F.1928)
Organism undetermined.

Proc. Pineapple Men's Conf. (cont.)
Sideris, C.P.
The treatment of planting material. Proc. Pineapple Men's Conf. 1927, 6: 171-178. 1927. (Rec'd F.1928)

Waldron, G.C.
The pink disease of the pineapple fruit. Proc. Pineapple Men's Conf. 1927, 6: 229-232. 1927 (Rec'd F.1928)
Bacterial disease, organism not given.

Proc. Roy. Soc. Ser.B. (London)
Gregory, F.G.
The differential effect of the ions of three-salt solutions on growth of potato plants in sand culture. Proc. Roy. Soc. Ser.B. 102: 311-327. F.1928. no.718.

Progr. Agr. & Vitic. (Montpellier)
Lagatu, H. & Maume, L.
Etude biochemique de la chlorose de certaines vignes Américaines greffées sur rupestris (concl.) Progr. Agr. & Vitic. 89: 165-169. F.12,1928. no. 7.

[Publ.] Estac. Agron. Moca Ser. C. Fitotén. y. Agron.
Ciferri, R.
La yerba de melado (Melinis minutiflora Beuv.) [Publ.] Estac. Agron. Moca Ser.C. Fitotén. y Agron. no. 1. 21 p. illus. O.1927.

Rep. For. Exp. Stat. Chosen.
Makai, T.
Lespedeza of Japan and Korea. Rep. For. Exp. Stat. Chosen. no.6. 101 p. illus. Je.1927.
Wrongly entered as separate publication, List v.9, no. 22.

Rev. Agr. Ile Maurice (Maurice)
Craig, N.
L'acitité des sols et la pourriture de la racine de la canne à sucre. Rev. Agr. Ile Maurice. 36: 336-338. N./D. 1927.

Edwards, W.H.
Les maladies du tabac, la mosaïque. Rev. Agr. Ile Maurice. 36: 339-341. N./D.1927.

Rev. Gén. Bot. (Paris)
Aubel, E. & Genevois, L.
Les oxydo-réductions. (cont.) Rev. Gén. Bot. 40: 120-127. F.1928. no.470.

V.10, no.5, p.30.

Rev. Gén. Bot. (cont.)

Davy de Virville, A.
L'action du milieu sur les mousses (cont.)
Rev. Gén. Bot. 40: 95-110. illus. F.1928.
no.470.

Douin, Ch.
Nouvelles observations sur la feuille des mousses. Rev. Gén. Bot. 40: 65-87. pl. 19-20.
F.1928. no.470.

Magrou, J.
La symbiose chez les plantes supérieures (cont.)
Rev. Gén. Bot. 40: 111-119. illus. F.1928.
no.470.

Lubimenko, V.
Les pigments des plastes et leur transformation dans les tissus vivants de la plante. (cont.)
Rev. Gén. Bot. 40: 88-94. F.1928. no.470.

Rev. Vitic. (Paris)

Faugeras-Schiff, J.
Peut-on utilizer les sels d'arsenic pour detruire les mauvaises herbes? Rev. Vitic. 68:
101-104. F.16, 1928. no.1755.

Viala, P.
Esca. (cont.) Rev. Vitic. 68: 85-88.
F.9, 1928. no.1754.

Rhodora. (Boston)

Bartram, E.B.
Newfoundland mosses collected by Mr. Bayard Long in 1924-26. Rhodora. 30: 1-12. pl.158. Ja.
1928. no.349.
Bryum longii, sp.nov.

Eaton, R.J.
An exceptionally large Quercus ilicifolia.
Rhodora. 30: 19. Ja.1928. no.349.

Fernald, M.L.
The authors of Sonchus arvensis, var. glabrescens.
Rhodora. 30: 19. Ja.1928. no.349.

Smith, L.B.
Reports on the flora of Massachusetts I-
Rhodora. 30: 12-19. Ja.1928. no.349.
By Committee on the flora of Massachusetts;
L.B. Smith, Chairman.

V.10, no.5, p.31.

Sächsisch. Gärtnerbl.

Gleisburg, W.

Zur begründung einer abteilung für gärtnerische botanik und pflanzenzüchtung der Höheren staatslehranstalt für gartenbau in Pillnitz. Sächsisch. Gärtherbl. 8: 64-66. F.1,1928. no.3.

Science. (Lancaster, Pa.)

Gager, C. S.

Wellesley College and the development of botanical education in America. Science. 67: 171-178. F.17, 1928. no.1729.

Address delivered at the dedication of the new Botany building, Wellesley College, November 4, 1927.

McCulloch, L. & Thom, C.

A corm rot of gladiolus caused by a Penicillium. Science. 67: 216-217. F.24, 1928. no. 1730.

Penicillium gladioli, n.sp.

So. Afr. Fruit Grow. (Cape Town)

Pettey, F.W.

Further experiments in the removal of spray residue from fruit. South Afr. Fruit Grow. 15: 12-13. Ja.1928. no. 1.

So. Afr. Journ. Sci. (Johannesburg)

Adamson, R.S.

Some problems of vegetation in South Africa. South African Journ. Sci. 24: 37-49. D.1927.

Copeman, P.R. v.d.R.

Some effects due to the spraying of fruits. South African Journ. Sci. 24: 198-203. D.1927.

Causes diminution in acidity (experiments with citrus fruits, apples and pears)

Eyles, F.

Ecological notes on the flora of Salisbury commonage. South African Journ. Sci. 24: 289-297. pl. iii. D.1927.

Henkel, J.S.

Oxytenanthera abysinnica (A.Richard) Munro: occurrence, gregarious flowering and natural regeneration in southern Rhodesia. South African Journ. Sci. 24: 244-258. pl. ii. D.1927.

V.10, no.5, p. 32.

So. Afr. Journ. Sci. (cont.)

Mogg, A.O.D.
Vlei poisoning. South African Journ. Sci. 24: 269-277. D.1927.

Phillips, J.F.V.
Dendrographic experiments: Ocotea bullata E. Mey ("stinkwood"). South African Journ. Sci. 24: 227-243. D.1927.

Phillips, J.F.V.
Ekebergia capensis Sparrm. ("essenhout") in the Knysna region: a preliminary ecological note. South African Journ. Sci. 24: 216-224. D.1927.

Phillips, J.F.V.
"Experimental vegetation": a second contribution. South African Journ. Sci. 24: 259-268. D.1927.

Phillips, J.F.V.
Fossil Widdringtonia in lignite of the Knysna series, with a note on fossil leaves of several other species. South African Journ. Sci. 24: 188-197. D.1927.

Quin, J.I.
The toxicity of Ornithogalum saundersiae. South African Journ. Sci. 24: 431-434. D.1927.

Scott, M.H.
Notes on the characteristics and minute structure of thirty woods indigenous to South Africa. South African Journ. Sci. 24: 298-317. D.1927.

Van der Byl, P.A.
Descriptions of some previously unnamed South African fungi III. South African Journ. Sci. 24: 225-226. D.1927.

Villiers, F.J. de.
The power of leaves to withdraw moisture from the fruit, and the consequent effects. South African Journ. Sci. 24: 318-319. D.1927.
Abstract.
Experiments with apples, grapes & oranges.

South. Flor. (Fort Worth, Tex.)

Ruth, A.
Flora of the Ozarks of Arkansas. V. South. Flor. 24(20): 10,19-20. F.17,1928.

V.10, no. 5, p.33.

So. Lumberm. (Nashville)

Paul, B.H.

The effect of water in prolonged contact with the stem of white ash. South. Lumberm. 130: (1690): 57. illus. F.18,1928.

Succulenta (Leeuwarden)

Verbeek Wolthuys, J.J.

De succulenten I-II. Succulenta. 10: 9-11, 27-30. Ja.-F.1928. no.1, 2.

I. Inleiding. II. Planten met waterreservoirs.

Svensk. Bot. Tidskr.

Johansson, K.

Calendarium florae Gotlandicae. Blomning och lövsprickning i visbytrakten. Svensk. Bot. Tidskr. 21: 423-477. Ja.1928. no.4.

Langlet, O.

Ueber die entwicklung des eiapparates in embryosack der angiospermen. Svensk. Bot. Tidskr. 21: 478-485. illus. Ja.1928. no.4.

Langlet, O.

Zur kenntnis der polysomatischen zellkerne im wurzelmeristem. Svensk. Bot. Tidskr. 21: 397-422. illus. Ja.1928. no.4.

Malme, G.O.An.

De nonnullis speciebus Xyridis praecipue australiensibus et asiaticis. Svensk. Bot. Tidskr. 21: 381-396. Ja.1928. no.4.

Xyridis muelleri, n.sp.

Svensson, H.G.

Axel Elof Jäderholm, 24/7, 1868 - 5/3, 1927. Svensk. Bot. Tidskr. 21: 498-500. port. Ja.1928. no.4.

Svenska Skogsvårdsfören Tidskr. (Journ. Swedish For. Soc.)

Lagerberg,T., Lundberg, G. & Melin, E.

Biological and practical researches into blueing in pine and spruce (concl.) Svenska Siogsvardsfören. Tidskr. (Journ. Swedish For. Soc.) 25: 561-739. illus. 1928.

Tieteel. Julk. Suomen Suoviljelys (Vetensk. Skrift. Finska Mosskult.)

Kotilainen, M.J.

Untersuchungen über die beziehungen zwischen der pflanzendecke der moore und der beschaffenheit, besonders der reaktion des torfbodens, eine pflanzenökologische studie mit rücksicht auf die praktische bewertung der ergebnisse. Tieteel. Julk. Suomen. Suoviljelys. (Vetensk. Skrift. Finska. Mosskult.) no.7. 219 p. 1928.

Tijdschr. Plantenz. (Amsterdam)

Dorst, J.C.

Aaltjesziekte van de aardappelplant, Proef over den invloed van de rooitijd en over de vatbaarheid van verschillende aardappelsoorten. Tijdschr. Plantenz. 34: 75-83. 1928 (Rec'd Mr. 1928) no.2.

Thung, T.H.

Physiologisch ondersoek met betrekking tot het virus der bladrolziekte van de aardappelplant, Solanum tuberosum, L. (Physiological investigations in relation to the virus of the potato leaf-roll disease) (concl.) Tijdschr. Plantenz. 34: 49-74. pl. i-ii. 1928 (Rec'd Mr.1928) no.2.

English summary: p.64-68.

Torreya.

Howe, M.A.

Miss Annie Lorenz. Torreya. 28: 11-13. Ja./F.1928. no. 1.

Skutch, A.F. & Burwell, R. L.

The period of anthesis in Hibiscus. Torreya. 28: 1-5. illus. Ja./F. 1928. no. 1.

Small, J.K.

A new Chamaesyce from the Florida keys. Torreya. 28: 6. Ja./F.1928. no.1.

Chamaesyce keyensis, sp.nov.

Small, J.K.

A new deerberry from the Gulf region. Torreya. 28: 5. Ja./F.1928. no. 1.

Polycodium depressum, sp.nov.

Trans. Roy. Soc. Canada.

Lowe, C. W.
Some freshwater algae of southern Quebec Trans. Roy. Soc. Canada. III, 21(Sect.V, Biol. Sci.): 291-316. ii pl. My.1927 (Rec'd F.1928) no.2.

Lowe, C.W. & Lloyd, F.E.
Some observations on Hydrodictyon reticulatum (L.) Lagerh. With special reference to the chloroplasts and organization. Trans. Roy. Soc. Canada III, 21(Sect.V, Biol.Sci.): 279-287. illus., iv pl. My.1927 (Rec'd F.1928) no.2.

Marie-Victorin, Frère.
Sur un Botrychium nouveau de la flore américaine et ses rapports avec le B. lunaria et la B. simplex. Trans. Roy. Soc. Canada. III, 21(Sect.V, Biol. Sci.): 319-340. iii pl. My.1927 (Rec'd F.1928) no.2.
B. minganense.

Thompson, W.P.
Characters of common wheat in plants with fourteen chromosomes. Trans. Roy. Soc. Canada. III, 21(Sect.V, Biol.Sci.): 273-277. My.1927(Rec'd F.1928) no.2.

Thomson, R.B.
Evolution of the seed habit in plants. Trans. Roy. Soc. Canada. III, 21(Sect.V, Biol. Sci.): 229-272. illus., fold. tab. My.1927 (Rec'd F.1928) no.2.
Already entered as reprint.

Trudy Prikl. Bot. Gen. i Selek. (Bull. Appl. Bot. Gen. & Plant Breed.) (Leningrad)

Vavilov, N.
... Professor Sergei Ivanovich Jigalov, 1881-1927. Trudy Prikl. Bot., Gen. i Selek. (Bull. Appl. Bot., Gen. & Plant Breed.) 17(5): i-viii. ports. 1927 (Rec'd F.1928)
Russian.

Univ. Calif. Publ. Zool.

Brooks, M. M.
Studies on the permeability of living cells. IX. Does methylene blue itself penetrate? Univ. Calif. Publ. Zool. 31: 77-92. 1927 (Rec'd Ja. 1928) no.6.

Univ. Wyoming Publ. Sci.

Nelson, A.

Taxonomic studies I-II. Univ. Wyoming Publ. Sci. 1: 109-121, 122-143. illus. Mr.1926. (Rec'd F.1928) no.5.

I. The loco plants. Oxytropis vs. Aragallus.
II. Miscellaneous new species.

Payson, E.B.

Thlaspi, Oreocarya, and Erigeron. Univ. Wyoming Publ. Sci. 1: 145-186. illus. Mr. 1926 (Rec'd F.1928) no.5.

Thlaspi idahoense, Oreocarya tumulosa, O. rugulosa, O. osterhoutii, O. jonesiana, O. breviflora, Erigeron vagus, no.sp.

Yearbk. Carnegie Inst. Washington.

Clements, F.E.

Ecology. Yearbk. Carnegie Inst. Washington. 26(1926/27): 305-337. D.1927 (Rec'd F.1928)

Ecogenesis - Experimental phylogeny and taxonomy - Factor and function - Climas and succession - Bio-ecology - Paleo-ecology.

MacDougal, D.T.

Laboratory for plant physiology. Yearbk. Carnegie Inst. Washington. 26(1926/27): 149-164. D.1927 (Rec'd F.1928)

Growth - Photosynthesis and metabolism - Studies in atmospheric oxidation- Hydrostatics of trees - Ecology.

Zeitschr. Forst- u. Jagdw. (Berlin)

Hey,

Das eichensterben in Westfalen. Zeitschr. Forst- u. Jagdw. 60: 49-50. Ja.1928. no. 1.

Zeitschr. Indukt. Abstamm. u. Vererbungsl. (Leipzig)

Patschovsky, N.

Der einfluss der erna"hrung auf die formbildung und den entwicklungsrhythus von Funaria hygrometrica (L.) Sibth. Zeitschr. Indukt. Abstamm. & Vererbungsl. 46: 112-187. illus. 1928. no.2.

Zeitschr. Pflanzenernähr. Düng. u. Bodenk. B, Wirtsch-Prakt. Teil.

Günther, E.

Untersuchungen über die keimpflanzenmethode von Neubauer. Zeitschr. Pflanzenernähr. Düng. u. Bodenk. B. Wirtsch.-Prakt. Teil. 6: 502-506. N.1927 (Rec'd F.1928) no.11.

Zeitschr. Pflanzenernähr. Düng. u. Bodenk. B, Wirtsch-Prakt. Teil. (cont.)

Müller, P.
Apparat zum auslesen von je 100 roggenkörnern für die kempflanzenmethode nach Prof. Dr. Neubauer. Zeitschr. Pflanzenernähr. Düng. u. Bodenk. B. Wirtsch.-Prakt. Teil 6: 507-508. illus. N.1927 (Rec'd F.1928) no.11.

Zeitschr. Pilzk. (Leipzig)

Schäffer, J.
Brennender und meklstieliger täubling. Zeitschr. Pilzk. 12: 10-13. Ja.26, 1928. no.1.
Zum gedächtnis Romells.

Ulbrich, E.
Ueber bildungsabweichungen dei hutpilzen. Zeitschr. Pilzk. 12: 1-10. illus. Ja.26,1928. no. 1.

Zeitschr. Sukkulentk. (Berlin)

Berger,A.
Die gattung Obregonia Frič. Zeitschr. Sukkulentk. 3; 184-185. Ja.1928. no.9.
Obregonia denegrii, n.sp.

Bödeker, F.
Ueber Mamillaria gracilis Pfeiff. Zeitschr. Sukkulentk. 3: 174-175. Ja.1928. no.9.

Gräser, R.
Astrophytenkreuzungen und Mendelsche gesetze. (cont.) Zeitschr. Sukkulentk. 3: 191-196. Ja. 1928. no. 9.

Maass, C.A.
Argyroderma delaetii Maass spec.nov. Zeitschr. Sukkulentk. 3: 180-183. illus. Ja. 1928. no. 9.

Poellnitz, von.
Zur benennung einiger sukkulenter Afrikanischer euphorbien. Zeitschr. Sukkulentk. 3: 177-178. Ja.1928. no. 9.

Schwantes, G.
Neue mesembriaceen I- Zeitschr. Sukkulentk. 3: 178-180. Ja.1928. no.9.

Werdermann, E.
Echinopsis klimpeliana Weidlich et Werdermann n.spec. Zeitschr. Sukkulentk. 3: 175-177. illus. Ja.1928. no. 9.

Zeitschr. Zellfrosch. & Mikresk. Anat. (Berlin)
Winge, O.
Zytologische untersuchungen über die natur maligner tumoren I. Zeitschr. Zellforsch. u. Mikrosk. Anat. 6. 397-423. illus. 0.1927. no. 3.
I. "Crown gall" der zuckerrübe.

Zhurh. Opytn. Agron. Iugo-Vost. (Journ.Exp. Landw. Südost. Eur.-Russl.) (Saratov)
Arnold, E.
... Blütenfüllung bei Hellianthus annuus L. Zhurn. Opytn. Agron. Iugo-Vost. Landw. Sudost. Eur.-Russl.) 4: 150-154. illus. pl. 1927 (Rec'd F.1928) no.1.

Meister, G.K.
... Problem der speziesbastardierung im lichte der experimentellen methoden. Zhurn. Optyn. Agron. Iugo-Vost. (Journ. Exp. Landw. Südost. Eur.-Russl.) 4: 3-88. 18 pl. 1927 (Rec'd F.1928) no.1.
Russian with German summary.
There are also 2 unnumb. suppl. pages.

Meister, N. & Tjumiakov, N.A.
... Rye-wheat hybrids of the F1 generation in direct and reciprocal crosses. Zhurn. Opytn. Agron. Iugo-Vost. (Journ. Exp. Landw. Südost. Eur.-Russl.) 4: 87-97. 1927 (Rec'd F.1928) no.1.
Russian with English summary.

Plachek, E.M.
... Inzucht in der anwendung zur selektion der sonnenblume. Zhurn. Opyth. Agron. Iugo-Vost.(Journ. Exp.Landw. Südost. Eur.-Russl.) 4: 120-149. 8 pl., 2 fold. tab. 1927 (Rec'd F.1928) no.1.
Russian with German summary.

Richter, A.A.
... Untersuchungen ueber die kältefestigkeit der pflanzen I. Zhurn. Opytn. Agron. Iugo-Vost. (Journ. Exp. Landw. Südost. Eur.-Russl.) 4: 326-345. illus. 1927 (Rec'd F.1928) no.2.
Russian with German summary.
I.Dynamik der löslichen kohlenhydrate während des winters beim roggen und weizen.

V.10, no.5, p. 39.

Zhurn.Opyth. Agron. Iugo-Vost. (Journ. Exp.Landw. Südost-Eur.-Russl.) (cont.)

Tjumiakov, N.A.

... Metoden der ausnutzung der weizen-roggen hybriden für die selektionsarbeit und einige neue erscheinungen, beobactet bei hybriden der 2-ten generation. Zhurn. Opytn. Agron. Iugo-Vost. (Journ. Exp. Landw. Südost. Eur.-Russl.) 4: 98-119. 1927 (Rec'd F.1928)

Russian with German summary.

Exper. Stat. Publ.

Gage, G.R.

Studies of the life history of Ustilago avenae (Pers.) Jensen and of Ustilago levis (Kell. & Swing.) Magn. Cornell Agr. Exp. Stat. Mem. 109. 35 p. 4 pl. Jl.1927.

Anderson, A.G. & Hooker, H.D.

Soil treatments and seasonal chemical changes in the sour cherry. Missouri Agr. Exp. Stat. Res.Bull. 108. 27 p. S.1927 (Rec'd F.1928)

Huckett, H.C.

Dusting and spraying experiments with potatoes on Long Island in 1927. New York State Agr. Exp. Stat. Circ.94. 10 p. pl. i-ii. 1928.

Buie, T.S. & Rogers, W.B.

Cotton variety experiments. South Carolina Agr. Exp. Stat. Bull.244. 22 p. F.1928.

State Publications.

Boyd, O.C.

Control measures for pecan scab with special reference to dusting. Georgia State Bd. Entom. Bull. 70. 18 p. Ja.1928.

Boyd, O.C.

A new leaf spot of pecan. Georgia State Bd. Entom. Circ.40. 8 p. F.1928.

Cylindrosporium caryigenum.

Melchers, L.E.

Controlling stinking smut of wheat by copper carbonate method. Kansas State Agr. Coll. Div. Coll. Ext. X-Form. 230. 4 p. Jl.1927.

New Books.

Hosseus, C.C.
... Estudio comparativo de la distribución geografica de las plantas oficinales... Cordoba, Estab. gráf. Pereyra, 1927.
De la Revista del Centro estudiantes de farmacia, año III, nros. 9 y 10.

Hosseus, C.C.
....Loganiáceas... Cordoba, Estab. gráf. "Pereyra", 1926
De la "Revista del Centro estudiantes de farmacia", año II, no.5.

Hunger, F.W.T.
Charles de L'Ecluse. 's-Gravenhage, M. Nijhoff, 1927.

Keller, B.A.
Die halbwüste bei Krasnoarmeisk (Ssarepta) In Karsten, G. Vegetationsbilder. 18. reihe, h.4. pl.19-24. 1927.

Migula, W.
Die pilze von Deutschland, Deutsch-Oesterreich Tschechoslovakei, Ungarn, dem ehemaligen Deutsch-Polen und der Schweiz... Neue, billige und unverkürtze lieferungsausgabe für studierende und schulen. lfg. 7-20. Berlin, H. Bermühler verlag, 1927.

North American flora. v. 23, pt.1. Mimosaceae. by N.L. Britton & J.N.Rose. N.Y., F.1928.

Oehlkers, F.
Erblichkeitsforschung an pflanzen.Dresden & Leipzig, T. Steinkopff,1927 (Wissenschaftliche forschungsberichte. Naturw. reihe, bd.XVIII)

Translations available in the Bur. Plant Industry Library.

Daniel, J.
Fraisier(Strawberry) In his Influence du mode de vie sur la structure secondaire des dicotyledones. Rennes, 1915. p. 256-259.

Gay, J.E.
Recherches sur les caractères de la végétation du fraisier... Ann. Sci. Nat. IV, Bot. 8: 185-208. 1857.
Transl. of p.186-194 (The rhizone of Fragaria)

Translations (cont.)

Strasburger, E.

Fragaria virginiana + elatior. Prüfung auf merogonie (Fragaria virginiana +elatior, test of merogony) In his Histologische beiträge 7 (Zeitpunkt der bestimmung des geschlechts &c) p. 41-47. 1909.

Thellung, A.

L'origine de la carotte et du radis cultivés (The origin of the cultivated carrot and radish). Rev. Bot. Appl. 7: 666-671. O.1927.

Correction.

List v.10, no.1.

Proc. U.S. Nat. Mus.

Entry under Berry, citation should read v.72, no.23, 15 p. ii pl. 1927. no.2719.

BOTANY
CURRENT LITERATURE

ADDITIONS TO THE BOTANICAL CATALOGUE, BUREAU OF PLANT INDUSTRY,
COMPILED FROM PUBLICATIONS RECEIVED IN THE
LIBRARY OF THE UNITED STATES DEPARTMENT OF AGRICULTURE, WASHINGTON, D. C.

Vol.10, no. 6. Mr. 5 - 17, 1928.

Aarb. Gartn. (København)

Danvig, A.M.
Lovfaestede bestemmselser vedrørende bekaempelse af plantesygdomme og skadedyr. Aarb.Gartn. 9: 97-104. 1927.

Abhandl. Naturhist. Ges. Nürnberg.

Jäger, H.
Die hochmoorvorkommnisse in der umgebung von Nürnberg. Abhandl. Naturhist. Ges. Nürnberg. 22: 201-229. pl. 1927. no. 5.

Amer. Fern Journ.

Anderson, W.A. & Anderson, A.R.
Ferns of the vicinity of Irvine, Kentucky. Amer. Fern Journ. 17: 130-133. O./D. 1927 (Rec'd Mr.1928) no.4.

Braun, E.L.
Ophioglossum engelmanni Prantl in Ohio. Amer. Fern Journ. 17: 138. O./D. 1927 (Rec'd Mr.1928) no.4.

Graves, E.W.
A new colony of Botrychium obliquum in Iowa. Amer. Fern Journ. 17: 113-117. O./D.1927 (Rec'd Mr.1928) no.4.

Greene, F.C.
Notes on the Pteridophyta of Oklahoma. Amer. Fern Journ. 17: 125-129. O./D. 1927 (Rec'd Mr. 1928) no.4.

Mackenzie, K.K.
Generic names commonly applied to our shield-ferns. Amer. Fern Journ. 17: 117-125. O./D. 1927 (Rec'd Mr.1928) no.4.

Miss Annie Lorenz. Amer. Fern Journ. 17: 141-142. O./D. 1927 (Rec'd Mr.1928) no.4.

Palmer, T.C.
A Chinese Isoetes. Amer. Fern Journ. 17: 111-113. illus., pl.6. O./D.1927 (Rec'd Mr.1928) no.4.
Isoetes sinensis, sp.nov.

Amer. Fern Journ. (cont.)

Wherry, E. T.

Notes on Asplenium trudelli. Amer. Fern Journ. 17: 135-138. illus. O./D.1927 (Rec'd Mr.1928) no.4.

Amer. For. & For. Life. (Wash.,D.C.)

Carhart, A.H.

Dwarf evergreens, their use in ornamental plantings. Amer.For. & For. Life. 34: 160-163, 172. illus. Mr.1928. no.411.

Amer. Fruit Grow. Mag. (Chicago)

Bemis, M.E.

The relation of root growth to top growth. Amer. Fruit Grow. Mag. 48(3): 11, 21. Mr.1928.

Experiments on citrus fruits at the Boyce Thompson southwestern arboretum.

Amer. Journ. Bot.

Davies, P.A.

High pressure and seed germination. Amer. Journ. Bot. 15: 149-156. F.1928. no.2.

Farr, C.H.

Studies on the growth of root hairs in solutions V. Root-hair elongation as an index of root development. Amer. Journ. Bot. 15: 103-113. F.1928. no.2.

Gilbert, F.A.

Feeding habits of the swarm cells of the myxomycete Dictydiaethalium plumbeum. Amer. Journ. Bot. 15: 123-131. pl. iv-v. F.1928. no.2.

McDougall, W. B.

Mycorhizas from North Carolina and eastern Tennessee. Amer. Journ. Bot. 15: 141-148. illus. F.1928. no.2.

Pires, V.M.

Concerning the morphology of Microstroma and the taxonomic position of the genus. Amer. Journ. Bot. 15: 132-140. pl.vi. F.1928. no.2.

Reed, G.M.

Physiologic races of bunt of wheat. Amer. Journ. Bot. 15: 157-170. F.1928. no.2.

Amer. Journ. Bot. (cont.)

Reeves, R.G.
Partition wall formation in the pollen mother cells of Zea mays. Amer. Journ. Bot. 15: 114-122. illus., pl. ii-iii. F. 1928. no.2.

Amer. Nat.

Marshall, H. T.
Ultra-violet and extinction. Amer. Nat. 62: 165-187. Mr./Ap.1928. no.679.
Ultra-violet and plant life: p. 175-177.

Shull, G.H.
Oenothera cytology in relation to genetics. Amer. Nat. 62: 97-114. Mr./Ap.1928. no.679.

Stewart, G.
Origin of a segregate resistant to black-stem rust in a cross between two susceptible plants. Amer. Nat. 62: 188-191. Mr./Ap.1928. no.679.
Cross of Sevier & Federation wheats.

Tilden, J.E.
Some hypotheses concerning the phylogeny of the algae. Amer. Nat. 62: 137-155. Mr./Ap.1928. no.679.

Amer. Produce Grow. (Chicago)

McWhorter, F.P.
Recognizing diseases and insects mentioned in the spray calendars. Amer. Produce Grow. 3(3): 5, 12. Mr.1928.

Anales Mus. Hist. Nat. Montevideo.

Osten, C. & Herter, G.
Plantae uruguayenses IV. Siphonogamae angiospermae 2. Eumonocotyledoneae monocotyledonearum series (A 3) Glumiflorae, subseries (1) Gramineae. Anales Mus. Nac. Montevideo. II, 2: 301-319. 1927. no.3.

Anal. Soc. Cient. Arg. (Buenos Aires)

Albizzati, C.M.
Datos quimicos sobre el mal de plomo. Anal. Soc. Cient. Arg. 103: 38-42. Ja./Mr.1927 (Rec'd Mr.1928) no.1/3.
Stereum purpureum.

Ann. Appl. Biol. (London)

McLennan, E.
The growth of fungi in soil. Ann. Appl. Biol. 15:95-109. F.1928. no.1.

Paine, S.G. & Nirula, R.L.
Studies in bacteriosis XV. A disease of swedes and turnips. Ann. Appl. Biol. 15: 46-56. pl. vii-viii. F.1928.
Related to the presence of bacteria; an organism isolated, probably a saltant strain of Pseudomonas campestris.

Storey, H.H. & Bottomley, A.M.
The rosette disease of peanuts (Arachis hypogaea L.). Ann. Appl. Biol. 15: 26-45. pl. ii-vi. F.1928. no.1.

Storey, H. H.
Transmission studies of maize streak disease. Ann. Appl. Biol. 15: 1-25. pl. i. F.1928. no.1.

Ann. Biol. Lacustre.

Schodduyn, R.
Matériaux pour l'étude de la faune et la flore des eaux douces de Funchal (Madère). Ann. Biol. Lacustre. 15: 187-223. illus. 1927.

Ann. Epiph. (Paris)

Szymanek, J.
Contribution a l'étude du Phytophthora infestans parasite de la pomme de terre. Ann. Epiph. 13: 213-282. illus., pl. i-iv. Jl./Ag.1927 (Rec'd Mr. 1928) no.4.

Ann. Sci. Agron. (Paris)

Francois, L.
La provenance des semences, dernières recherches de géographique botanique, Juillet-Aout 1927. Ann. Sci. Agron. 45: 48-55. Ja./F.1928. no.1.

Sirodot, E.
Avoines fatuoides et fatuo-stériloïdes. Ann. Sci. Agron. 45: 42-47. Ja./F.1928. no.1.

Ann. Rep. Conserv. Dept. N.Y.

Investigation of the sweet fern rust on Scotch pine. Ann. Rep. Conserv. Dept. N.Y. 17(1927): 260-261. 1928.
Cronartium comptoniae.

Ann. Rep. Conserv. Dept. N.Y. (cont.)
Investigations on white pine blister rust. Ann. Rep. Conserv. Dept. N.Y. 17(1927): 258-260. 1928.

The Woodgate rust. Ann. Rep. Conserv.Dept. N.Y. 17(1927): 261-268. illus. 1928.
On Scotch pine.

Ann. Rep. Dept. Agr. Bengal.
Hector, G.P.
Annual report of 1st economic botanist, Bengal for the year 1926-27. Ann. Rep. Dept. Agr. Bengal. 1926/27: 35-38. 1927 (Rec'd F.1928)
Includes account of work of P.C. Kar, mycological assistant.

Arch. Protistenk. (Jena)
Günther, F.
Ueber den bau und die lebensweise der euglenen, besonders der arten E. terricola, geniculata, proxima, sanguinea und lucens nov.spec. Arch. Protistenk. 60: 511-590. pl. 13-15. F.1928. no.3.

Steuer, A.
Ueber Ellobiopsis chattoni Caullery 1910, einen ectoparasitischen flagellaten mariner copepoden. Arch. Protistenk. 60: 501-510. illus. F.1928. no.3.

Arch. Rubbercult. Nederl.-Ind. (Batavia, Java)
Bobilioff, W.
Onderzoekingen over vlekkenkanker. Arch. Rubbercult. Nederl.-Ind. 12: 1-6. plates (part.col.) Ja. 1928. no.1.
English summary(Researches on patch canker occuring in West-Java): p.6.

Atti R. Accad. Lincei VI, Rend. Cl. Sci. Fis. Mat. e Nat.(Rome)
Bambacioni, V.
Come avviene in "Fritillaria persica" L. lo sviluppo del gametofito femminile e l'aumento dei cromosomi nella regione calazale. Atti R. Accad. Naz. Lincei VI, Rend. Cl.Sci. Fis., Mat. e Nat. 6: 544-546. D.1927 (Rec'd Mr.1928) no.11.

Savelli, R.
Un caso di "incompleta dominanza" nella xenia del mais. Atti R. Accad. Naz. Lincei VI, Rend. Cl. Sci. Fis., Mat. e Nat. 6: 541-544. D.1927. (Rec'd Mr.1928) no.11.

Austral. Sugar Journ. (Brisbane)
Wood, E.J.P.
Gumming disease in the Bundaberg district. Austral. Sugar Journ. 19: 663-665, 671. F.2, 1928. no.11.

Beretn. Stat. Forsøgs Plantekult. Denmark. (København)
Jørgensen, C.A.
Gulspidssygen dens udbredelse, aarsager og bekaempelse (The "gulspids" (white-tip) disease in Denmark, its distribution, causes and control). Beretn. Stat. Forsøgs. Plantekult. 210. p.76-122. 1928.
Reprinted from Tidsskr. Planteavl.
Due to soil conditions.

De Bergcultures (Batavia, Java)
Steinmann, A.
De waarde van carbolineum als desinfectiemiddel. De Bergcultures. 2: 926-929. Ja.28, 1928. no.31.

Ber. Deut. Chem. Ges. (Berlin)
Hahn, G. & Stenner, W.
Ueber yohimbehe-alkaloide IV. Ber. Deut. Chem. Ges. 61: 278-286. F.1928. no.2.

Späth, E., Holter, H. & Posega, R.
Ueber alkaloide von Corydalis cava XI. Die konstitution des bulbocapnins. Ber. Deut. Chem. Ges. 61: 322-327. F.1928. no.2.

Better Flow. (North Portland, Ore.)
Taylor, W.R.
Lily roezli. Better Flow. 8(3): 23. Mr. 1928.

Bot. Not. (Lund, Sweden)
Arwidsson, Th.
Bizentrische arten in Skandinavien - eine terminologische erörterung. Bot. Not. 1928: 49-53. no.1.

Dokturowsky, W.S.
Ueber die grenzen der Sphagnummoore und über moorgebiete in USSR (~~Russland~~) Bot. Not. 1928: 54-62. no.1.

Bot. Not. (cont.)

Du Rietz, G.E.
Kritik an pflanzensoziologischen kritikern. Bot. Not. 1928: 1-30. no. 1.

Mörner, C.Th.
Meddelande om ett par sällsyntare gasteromyceter (buksvampar). Bot. Not. 1928: 74-75. illus. no.1.
Geaster limbatus.

Mörner, C.Th.
Strandrag (Elymus arenarius L.) vid smaländskt glasbruk. Bot. Not. 1928: 73-74. no.1.

Naumann, E.
Die regionale gliederung von süd- und mittelschweden in pflanzengeographischer bezw. limnologischer hinsicht. Bot. Not. 1928: 31-48. no.1.
Eine vergleichende übersicht.

Naumann, E.
Artbeschreibende systematik als mittel und alsselbstzweck. Einige kritische bermerkungen. Bot. Not. 1928: 63-67. no.1.

Naumann, E.
Ueber die begriffe seeknödel, migrations form und epipythmenische formation Bot. Not. 1928: 68-72. no.1.
Aegagrophila sauteri.

Brotéria Ser.Bot. (Lisboa)

Gonçalves da Costa, J.
Subsidio para o conhecimento da flora da Madeira. Brotéria Sér. Bot. 23: 121-125. D.1927. no.3. (Rec'd F.1928)
Chrysanthemum barreti, Semele menezesi, sp.n.

Luisier, A.
Fragments de bryologie Ibérique. Brotéria Sér. Bot. 23: 126-128. illus. D.1927 (Rec'd F.1928) no.3.
Mielichhoferia pontevedrensis, sp.n.

Luisier, A.
Les mousses de l'Archipel de Madèré et en général des Iles Atlantiques (cont.) Brotéria Sér. Bot. 23: 129-145. D.1927 (Rec'd F.1928) no.3.

Brotéria Ser.Bot. (cont.)

Pau, C.& Huguet-del-Villar, E.
Novae species tamaricis in Hispania centrali. Brotéria Sér. Bot. 23: 101-113. illus. D. 1927 (Rec'd F.1928) no.3.

Sennen, Frère.
Las Centaureas de la flora de Barcelona y de sus ceranias. (concl.) Brotéria Sér. Bot. 23: 97-100. D.1927 (Rec'd F.1928) no.3.

Simas, A.M.de.
O mamão do recife. Brotéria Sér. Bot. 23: 114-120. 2 pl. D.1927 (Rec'd F.1928) no.3.

Bulet. Grad. Bot. Univ. Cluj (Roumania)

Borza, A.
Prof. Dr. Aladar Richter. Schiță biografică. Bulet. Grad. Bot. Univ. Cluj. 7: 54-57. pl.xi. 1928. no.1/2.
French résumé: p.56-57.

Grintescu, Gh.P.
Puncia granatum si Fagus orientalis in flora României. Bulet. Grad. Bot. Univ. Cluj. 7: 57-58. 1928. no.1/2.
French résumé (Sur Punica granatum et Fagus orientalis en Roumanie): p.58.

Nyárády, E.J.
Studiu preliminar asupra unor specii de Alyssum din sectia odontarrhena vorstudium (Ueber einige arten der section odontarrhena der gattung Alyssum). Bulet. Grad. Bot. Univ. Cluj. 7:3-51. illus. pl. I-X. 1928. no.1/2.

Pop, E.
Exploatarea si intrebuintarea turbei in România. Bulet. Grad. Bot. Univ. Cluj. 8(Appendix 1) 54 p. illus., pl. 1, map. 1928.
German résumé (Gewinnung und verwertung des torfes in Rumänien): p.51-52.

Săvulescu, T. & Rayss, T.
Câteva plante noui sau rare pentru flora Basarabiei (Quelques plantes nouvelles ou rares pour la flore de Bessarabie). Bulet. Grad. Bot. Univ. Cluj. 7: 52-54. 1928. no.1/2.

Bull. Dept. Agr.Ceylon.

Harbord, G.
Notes on the cultivation of sisal with special reference to Ceylon. Bull. Dept.Agr. Ceylon. 81. 15 p. plates. Jl.1927 (Rec'd Mr.1928)

Bull. Misc. Inform. Kew. (London)

Craib, W.G.
Contributions to the flora of Siam. Additamentum XXIV. Bull. Misc. Inform. Kew. 1928: 62-72. no.2.

Kew. Royal gardens.
Plantarum novarum in herbario Horti regii conservatarum Decas CXIX. Bull. Misc. Inform. Kew. 1928: 72-78. no.2.

Marquand, C.V.B.
New Asiatic gentians. Bull. Misc. Inform. Kew. 1928: 49-62. no.2.

Bull. Peking Soc. Nat. Hist.

Read, B.E.
Chinese medicinal plants. Bull. Peking Soc. Nat. Hist. 1(4): xxxv-xliii. illus. 1927 (Rec'd F.1928)

Bull. Soc. Mycol. France. (Paris)

Aymonin, V.
Le Clathrus cancellatus Tour., en Haute-Marne. Bull. Soc. Mycol. France. 43: 265-266. Ja.1928. no.3/4.

Barbier, M.
Agarics des environs de Dijon. Bull. Soc. Mycol. France. 43: 213-231. pl. vii. Ja.1928. no.3/4.

Chauvin, E.
Sur la non-toxicité d'Amanita porphyria A. et S. Bull. Soc. Mycol. France. 43:298-299. Ja.1928. no. 3/4.

Choisy, M.
Sur le phylétisme des ascomycètes du genre Cladonia (Lichens). Bull. Soc. Mycol. France. 43: 267-271. Ja.1928. no.3/4.

Dufrénoy, J.
Levures de la fermentation, en eau de mer, des cédrats de Corse. Bull. Soc. Mycol. France. 43: 272-274. illus. Ja.1928. no.3/4.
Zygosaccharomyces guilliermondi.

Bull. Soc. Mycol. France. (cont.)

Dumée, P. & Leclair, A.
Note sur l'Amanita ampla Pers. (excelsa Fries). Bull. Soc. Mycol. France. 43: 259-262. Ja. 1928. no.3/4.

Dumée, P.
Note sur les Tricholoma pseudo-acerbum, guernisaci et militare. Bull. Soc. Mycol. France. 43: 263-264. Ja.1928. no.3/4.

Fenaroli, L.
Un nouvel hôte de l'Ustilago ischaemi Fuck. Bull.Soc. Mycol. France. 43: 280-281. Ja.1928. no.3/4.
Andropogon distachyum L.

Guffroy, C.
Quelques champignons d'Huelgoat et de ses bois. Bull. Soc. Mycol. France. 43: 293-297. Ja.1928. no.3/4.

Guilliermond, A.
Etude cytologique et taxonomique sur les levûres du genre Sporobolomyces. Bull. Soc. Mycol France. 43: 245-258. illus., pl.x. Ja.1928. no.3/4.

Killian, C.
Le cycle évolutif du Fusicladium depressum Berk. et Br. et du Fusicladium aronici Sacc. Bull. Soc. Mycol. France. 43: 282-292. pl. xiii-xvi. Ja.1928. no.3/4.

Melzer, V. & Zvara, J.
Russula xerampelina Sch. Bull. Soc. Mycol. France. 43: 275-279. pl.xi-xii. Ja.1928. no.3/4.

Nadson, G.A. & Krassilnikov, N.A.
La levure du nectar des fleurs: Anthomyces reukaufii Gruess. Bull. Soc. Mycol. France. 43: 232-244. pl.viii-ix. Ja.1928. no.3/4.

Bull. Torr. Club.

Bolenbaugh, A.
Microsporogenesis in Tropaeolum majus with special reference to the cleavage process in tetrad formation. Bull. Torrey Bot.Club. 55: 105-115. pl.6-7. F. 1928. no.2.

Bull.Torr. Club. (cont.)

Eggleston, W.W.
Ezra Brainerd (1844-1924). Bull. Torrey Bot.Club. 55: 91-104. port. F.1928. no.2.
Scientific papers of Doctor Brainerd: p.102-104.

Gleason, H.A.
Miconia minutiflora and allied species. Bull. Torrey Bot. Club. 55: 117-118. F.1928. no.2.
Miconia borealis, n.sp.

Rydberg, P.A.
Notes on Fabaceae X. Atelophragma Rydberg. Bull.Torrey Bot. Club. 55: 119-132. F.1928. no.2.

Calif. Grape Grow. (San Francisco)

Bonnet, L.O.
Enemies of the flower and fruit. Calif. Grape Grow. 9(3): 6-7. Mr.1,1928.
Grape diseases & pests.

Centralbl. Bakt. Abt. II (Jena)

Arthur, H. Graf v. Pfeil und Klein-Ellguth.
Beitrag zur kenntnis der roggenfusariose. Centralbl. Bakt. Abt.2. 73: 347-373. pl. F.7, 1928. no.15/23.

Baron, M.A.
Bakterien als quellen mitogenetischer (ultra-violetter) strahlung. Centralbl. Bakt. Abt.2. 73: 373-379. F.7,1928. no.15/23.

Citrus Leaves (Redlands,Cal.)

Webber, H.J.
Citrus varieties of the world and possible uses in the United States. Citrus Leaves. 8(3): 18-22. Mr.1928.

Compt. Rend. Acad.Sci. Paris.

Guilliermond, A.
Remarques sur la phylogénie des ascomycètes. Compt. Rend. Acad. Sci. Paris. 186: 512-514. illus. F.20, 1928.

Joyet-Lavergne, Ph.
Contribution à l'étude du chondriome d'un champignon du genre Saprolegnia. Compt. Rend. Acad.Sci. Paris. 186: 595-597. F.27, 1928. no.9.

Compt. Rend. Acad. Sci.Paris (cont.)

Michel-Durand, E.

Sur le rôle physiologique des tannins pyrofalliques. Compt. Rend. Acad. Sci. Paris. 186: 514-17. F.20,1928. no.8.

Tsen-Cheng,

Sur les modifications histopathologiques constatées chez la pomme de terre (Solanum tuberosum) atteinte de dégénérescence (maladie de l'enroulement). Compt. Rend. Acad. Sci. Paris. 186: 524-526. F.20,1928. no.8.

Volmar, Y. & Jermstad, A.

L'essence absolue de sauge sclarée. Compt. Rend. Acad. Sci. Paris. 186: 517-519. F.20,1928. no.8.

Salvia sclarea.

Costa Azzurra Agr.-Flor. (Sanremo)

Calvino, M.

Una gloria dell'orticoltura Italiana, il Dr. Emanuele Orazio Fenzi. Costa Azzurra Agr. Flor. 8: 9-13. port. Ja.1928. no. 1.

Country Life (London)

Osborn, A.

Shrubs for walls. Country Life 63(Suppl.): xliv, xlvi. illus. Mr.3,1928. no.1624.

A Riviera garden, Fanfarigoule. Country Life. 63: 289-292. illus. Mr.3,1928. no.1624.

Fauna & Flora. (Uppsala)

Arwidsson, Th.

Några ord om Fragaria vesca var. monophylla. Fauan och Flora. 1928: 27-30. no.1.

Flora (Jena)

Hartsema, A.M.

Beitrag zur analyse der wurzelbildung an Veronica beccabunga und anderen sumpfgewächsen. Flora. 123(n.f.23): 1-20. illus. 1928. no.1.

Lowig, E.

Beiträge zur sterilitätsfragen unter besonderer berücksichtigung einiger "guter arten", wie Secale montanum Gussone und verschiedener Iris. Flora. 123(n.s. 23): 62-103. illus. 1928. no.1.

Flora. (cont.)

Schwartz, W. & Schwartz, H.
Beiträge zur biologie der plagiotropen sprosse I- Flora. 123(n.f.23): 21-29. illus. 1928. no.1.
I. Bildung oberirdischer rhizome bei Epilobium hirsutum und Lysimachia vulgaris.

Woltereck, I.
Experimentelle untersuchungen über die blattbildung amphibischer pflanzen. Flora. 123(n.f., 23): 30-61. 1928. no.1.

Floralia(Assen, Netherlands)

Bladvlekkenziekte van de selderie. Floralia. 49: 139-140. illus. Mr.2,1928. no. 9.

Flor. Exch.(N.Y.)

Baxter, S.N.
The Japanese raisintree. Flor. Exch. 67: 121. illus. Ja.14,1928. no.2.
Hovenia dulcis.

Leak, G.D.
The breaking of tulips. Flor. Exch. 67: 128-129 Ja.14,1928. no.2.
Letter referring to note in Flor. Exch. v.66, p.1343,Dec.17,1927 taken from Rep.of Chief of Bur. of Plant Industry, U.S. Dept. of Agriculture for 1926/27, p.22, which states that breaking of tulips has been demonstrated to be an infectious mosaic.

Flor. Rev. (Chicago)

Wells, S.P.
The hyacinth, its history and culture. Flor. Rev. 61(1580): 43-44. Mr.8,1928.

Fruit Grow., Fruiterer, Flor. & Mark.Gard.(London)

Roebuck, A.
Eelworm attack on potatoes, an experiment for control. Fruit-Grow., Fruiterer, Flor. & Mark. Gard. 65: 51-52. illus. Ja.12,1928. no.1674.

Fruit Products Journ. (N.Y.)

Lathrop, C.P. & Walde,W.L.
The Japanese quince. Remarkable for its very high l-malic acid content and other qualities valuable to the preserving and allied industries. Fruit Products Journ. 7: 14-18. illus. D.1927. no.4.
Chaenomeles japonica & var., C. lagenaria grandiflora, C.lagenaria baltzii, C. superba atro-sanguinea.

Gard. Chron. (London)

Craib, W.C.
Some new Siamese plants. Gard. Chron. III, 83: 140. F25, 1928. no.2148.
Sonerila deflexa, S. fusca, Chirita involucellata, C.involucrata.

Adolphe van den Heede. Gard. Chron. III,83: 164. Mr.3,1928. no.2149.

Ingwersen, W.
Primula juliae and its hybrids. Gard.Chron. III, 83: 152. Mr.3,1928. no.2149.

Mottet, S.
Le Jardin de Jussieu, the new French Kew at Versailles. Gard. Chron. III,83: 154. Mr.3,1928. no. 2149.

Todd, E.E.
A revision of Violas (cont.) Gard.Chron. III, 83: 160. Mr.3,1928. no.2149.

Ward, F.K.
Bodnant, Gard. Chron. III, 83: 156-158. illus. Mr.3,1928. no.2149.
Bodnant, the home of Lord and Lady Aberconway, stands in the Conway Valley.

Ward, F.K.
Mr. F. Kingdon Ward's ninth expedition in Asia. XXVI. The plains of Assam. Gard. Chron. III, 83: 138-139. illus. F.25,1928. no.2148.

Gard. Chron. Amer. (N.Y.)

Bade, E.
Vegetables combining the necessary with the pleasant. Gard. Chron. Amer. 32: 73-74. illus. Mr.1928. no.3.
Vegetables having ornamental qualities.

Gard. Illus. (London)

Churcher, G.
The gladiolus II.The Primulinus section and modern types, with practical suggestions on the planting, manuring, and general cultivation.

Gartenfl. (Berlin)

Graebener, L.
Die nussbaumfamilie. (Carya). (cont.). Gartenfl. 77: 63. F.1928.

Herre, H.
Einige eigenartige Euphorbia Süd-Afrikas. Gartenfl. 77: 48. illus. F.1928.
Euphorbia horrida, Boiss.

Kache, P.
Einiges über neue primeln. Gartenfl. 77: 54-56. F.1928.

Kesselring, W.
Muscari pendulum Traut.und verwandte. Gartenfl. 77: 56-58. illus. F.1928.

Liebsch, G.
Merkwürdige und schöne blattorgane. VIII. Sprossende blätter. Gartenfl. 77: 59-60. illus. F.1928.

Schwantes, G.
Chasmatophyllum nelii Schwantes spec.nov. Gartenfl. 77: 43-44. illus. F.1928.

Sommer, O.
Ueber erfahrungen mit Clianthus. Gartenfl. 77: 44-45. illus. F.1928.

Gartenw. (Berlin)

Beuss,
Das obstbaumkarbolineum im obstbau. Gartenw. 32: 106-107. F.24,1928. no.8.

Gartenzeit. Oesterr. Gartenb.-Ges. Wien.

Schütze, K.P.W.
Einige versuche mit germisan und tutan. Gartenzeit. Oesterr.Gartenb.-Ges. Wien. 1927: 195-196. no. 11.

Genetics. (Menasha, Wisc.)

Anderson, E.G. & Eyster, W.H.
Pericarp studies in maize III. The frequency of mutation in variegated maize pericarp. Genetics. 13: 111-120. Mr.1928. no.2.

Genetics. (cont.)
Chao, L.F.
Linkage studies in rice. Genetics. 13: 133-169. Mr.1928. no.2.

Grande Rev. Agr.(Paris)
Bormans, P.
Le role de la génétique appliquée à la production végétale. Grande Rev. Agr. 1927: 37-45. illus., port. N.1927 (Rec'd Mr.1928) no.1.

Heil & Gewürz-Pflanzen (Munich)
Boshart, K.
Der arzneipflanzenbau an der Bayer. Landesanstalt für pflanzenbau und pflanzenschutz, München, im 1. vierteljahrhundert ihres bestehens (1902-1927). Heil- u. Gewürz-Pflanzen. 10: 171-180. F.1928. no.4.

Pater,B.
Pastinaca sativa L. als heilpflanze. Heil- u. Gewürz-Pflanzen. 10: 181-183. F.1928. no.4.

Home Acres. (Chicago)
Farrington, E.I.
Dwarf trees for small gardens. Espaliers and cordons to conserve space. Home Acres. 15: 115-116. Illus. Mr.1928. no.6.

Hoppe-Seyl. Zeitschr. Phys. Chem. (Berlin)
Abderhalden, E. & Suzuki, S.
Fortgesetzte studien über das verhalten von polypeptiden und von derivaten von solchen gegenüber verdünntem alkali und verdünnter säure V. Versuche mit aus glycin aufgebauten polypeptiden. Hoppe-Seyl. Zeitschr. Phys. Chem. 173: 250-258. F.1928. no.5/6.

Hort. Illus. (Boston)
Gleason, H.W.
Rock plants which belong to America. Hort. Illus. 6: 99-100. illus. Mr.1, 1928. no.5.

Hamblin, S. F.
Native rock garden herbs from the prairies and plains. Hort. Illus. 6: 115. Mr.1, 1928. no.5.

Hort. Illus.(cont.)

Shreve,R.W.
A winter-blooming witchhazel. Hort. Illus. 6: 101. illus. Mr.1,1928. no.5.
Hamamelis vernalis.

Jahrb. Wiss. Bot.(Leipzig)

Gradmann, H.
Die lateralwirkung bei den windepflanzen. Jahrb. Wiss. Bot. 68: 46-78. F.1928. no.1.

Guttenberg, H.von.
Studien an den blüten der orchideengattung Mormodes Lindl. Jahrb. Wiss. Bot. 68: 135-148. illus. F.1928. no.1.

Jaretzky, R.
Untersuchungen über chromosomen und phylogenie bei einigen cruciferen. Jahrb. Wiss. Bot. 68: 1-45. illus. F.1928. no.1.

Schweickerdt,H.
Untersuchungen über photodinese bei Vallisneria spiralis. Jahrb. Wiss.Bot. 68: 79-134. F. 1928. no.1.

Jard. Agrém. (Bruxelles)

Havaux, J.
Les saxifrages. Jard. Agrém. 7: 34-37. Mr. 1928. no.3.

Joint Bull. Vermont Bot. & Bird Clubs.

Burns, G.P.
Light on the underbrush. Joint Bull. Vermont Bot. & Bird Clubs. 12: 30-32. N.1927.(Rec'd F.1928)

Dutton, D.L.
Listera australis in Vermont. Joint Bull. Vermont Bot. & Bird Clubs. 12: 43-44. N.1927.(Rec'd F.1928)

Fisher, R.B.
Flora of McKinley Park, Alaska. Joint Bull. Vermont Bot. & Bird Clubs. 12: 32-33. N.1927.(Rec'd F.1928)

Weatherby, C.A.
Miss Annie Lorenz. Joint Bull. Vermont Bot. & Bird Clubs. 12: 45-46. N.1927.

Journ. Agr. Res.

Dodge, B.O.
Production of fertile hybrids in the ascomycete Neurospora. Journ. Agr. Res. 36: 1-14. 4 pl. Ja.1,1928 (Rec'd Mr.13) no.1.

Griffiths, M.A.
Smut susceptibility of naturally resistant corn when artificially inoculated. Journ.Agr. Res. 36: 77-89. Ja.1,1928.(Rec'd Mr.13) no.1.

Larmour, R.K.
A comparative study of the glutelins of the cereal grains. Journ.Agr.Res. 35: 1091-1120. D.15, 1927.(Rec'd Mr.5, 1928)

Plakidas, A.G.
Strawberry xanthosis (yellows), a new insect-borne disease. Journ. Agr. Res. 35: 1057-1090. illus., col.pl. i. D.15,1927(Rec'd Mr.5,1928)
Virus diseases transmitted by strawberry aphids (Myzus fragaefolii)

Tucker, C.M.
Vanilla root rot. Journ. Agr. Res. 35: 1121-1136. illus. D.15,1927(Rec'd Mr.5, 1928)
Fusarium batatis var. vanillae.

Webb, R.W.
Further studies on the soil relationships of the mosaic disease of winter wheat. Journ.Agr.Res. 36: 53-75. Ja.1, 1928.(Rec'd Mr. 13)

Journ. Arnold Arb.

Merrill, E.D.
On the type of Rhus javanica Linnaeus. Journ. Arnold Arb. 9: 1-4. pl.11. Mr.1928. no.1.

Rehder, A.
Abnormal fruits of Juglans nigra. Journ. Arnold Arb. 9: 27-29. illus. Mr.1928. no.1.

Rehder, A. & Wilson, E.H.
Enumeration of the ligneous plants collected by J.F. Rock on the Arnold Arboretum expedition to northwestern China and northeastern Tibet. Journ. Arnold Arb. 9: 4-27 Mr.1928. no.1.
Smilax rubriflora, sp.nov.

Journ.Arnold Arb. (cont.)
Rehder, A.
New species, varieties and combinations from the herbarium and the collections of the Arnold Arboretum.(cont.) Journ. Arnold Arb. 9: 29-31. Mr.1928. no.1.

Journ.Dept. Agr. Victoria (Melbourne)
Morris, P.F.
A harmful weed.Salsafy (Tragopogon porrifolius L.) Journ. Dept. Agr.Victoria. 26: 26-27. illus. Ja.1928. no. 1.

Journ. Pan-Pacific Res. Inst. (Honolulu, Hawaii)
Bryan, E.H.
Guide to the plant groups in Hawaii. Journ. Pan-Pacific Res. Inst. 3:3-11. Ja./Mr.1928. no.1.

Kartoffel, Zeitschr. Kartoffelbau.
Schlumberger, O.
Kartoffelkrankheiten und kartoffelverwertung. Kartoffel. Zeitschr. Kartoffelbau. 8: 27-28. F.1,1928. no.3.

Landw. Jahrb. (Berlin)
Scheurich, H.
Untersuchung über die beziehungen zwischen blatt und bau des gefässystems bei weizen. Landw. Jahrb. 67: 255-286. 1928. no.2.

Leafl. Min. Agr. Gt.Brit.
Salmon, E. S.
A die-back disease of gooseberries. Leafl. Min. Agr. & Fish. Gt. Brit. 234. 4 p. plates. D.1927 (Mr.1928)
Sclerotinia.

Leafl. Dept. Agr. Irish Free State (Dublin)
Potato blight and its prevention. Leafl. Dept. Agr. Irish Free State. 14. 11 p. plates. D.1927 (Rec'd Mr.1928)

Malayan Agr. Jour. (Kuala Lumpur)
Jack, H.W.
Variation in coconuts. Malayan Agr. Journ. 15: 387-399. N.1927 (Rec'd Mr.1928) no. 11.

Medl. Selsk. Havedyrkn.Venner Norway (Oslo)
Olsen, A.
Nye høstaster 1927. Selsk. Havedyrkn. Venne Medl. 6: 4-17. illus. 1928. no.1.

Mem. Soc. Fribourg. Sci. Nat. Ser.Bot.
Blum, G.
Einige ergebnisse der saugkraftmessungen an freilandpflanzen. Mém. Soc. Fribourg. Sci.Nat. Bot. 4: 1-34. 1926 (Rec'd F.1928) no.1.

Misc. Publ. Gt. Brit.Min. Agr. & Fish.(London)
Long, H. C.
Poisonous plants on the farm. Misc. Publ. Min. Agr. & Fish. Gt. Brit. 57. 58 p. plates. 1927.

Nature. (London)
Belling, J.
Segmental interchange and crossing-over. Nature. 121: 282-283. F.25, 1928. no.3043.

Hamor, W.A.
Inflammable gas from plants. Nature. 121: 283. F.25,1928. no.3043.
Dictamnus albus.

Naturwissenschaften (Berlin)
Nachtsheim, H.
Der V. International kongress für vererbungswissenschaft. Naturwissenschaften. 15: 989-995. D.23, 1927 (Rec'd Mr.1928) no.51.
In Berlin, Sept.11-17,1927.

Notizbl. Bot. Gart. Berlin.
Berger, A.
Eine neue Aristolachia aus Bolivien. Notizbl. Bot. Gart. Berlin. 10: 129-134. illus. D.1927. (Rec'd Mr.1928) no.92.
Aristolochia lindneri,no.spec.

Burret, M.
Eine neue palmengattung von den Molukken. Notizbl. Bot. Gart.Berlin. 10: 198-201. D.1927.
Siphokentia beguinii, S. pachypus, n.sp.

Burret, M.
Ueber Ptychosperma elegans (R.Br.) Bl. Notizbl. Bot. Gart. Berlin. 10: 202-206. D.1927. (Rec'd Mr.1928) no.92.
Ptychosperma wendlandiana, nov.spec.

Gilg, E.
Ueber die Flacourtiaceae-gattung Pseudoscolopia Gilg. Notizbl. Bot. Gart. Berlin. 10: 156-167. D.1927. no.92.

Notizbl. Bot.Gart. Berlin (cont.)

Mildbraed, J.
Plantae tessmannianae peruvianae VI. Notizbl. Bot. Gart. Berlin. 10: 169-197. D.1927. no.92.

Perkins, J.
Beiträge zur kenntnis der südamerikanischen Monimiaceae. Notizbl. Bot. Gart. Berlin. 10: 158-168. D. 1927 (Rec'd Mr.1928) no.92.

Werdermann, E.
Beiträge zur kenntnis der flora vonChile. Notizbl. Bot. Gart.Berlin. 10:135-155. D.1927. no.92.
Malesherbia brevipeduculata, M. rosulata, M. incana, n.spec.

Obst- u. Gemüseb. (Berlin)

Reinhold, J. & Schulz,
Schädlings- und krankheitsbekämpfung in der gurkentreiberei. Obst. u. Gemüseb. 74: 26. F.15, 1928. no.2.

Ochrana Rostlin (Prague)

Baudyš, E.
Fytopathologické poznámky (Notes phytopathologiques) III. Ochrana Rostlin 7: 118-128. illus. D.1927 (1928) no.6.
Czecho-slovakian with Freanch résume.

Blattný, C.
Poznámky o škůdcích a chorobách chmele V R. 1927 Ochrana Rostlin. 7: 135-141. illus. D. 1927 (1928) no.6.
Pests and diseases of hops.

Novák, S.
Chlévská mrva jako šiřitel chorob rostlin a plevelů. Ochrana Rostlin. 7: 132-135. D. 1927(1928) no.6.
Stable manure as a disseminator of plant diseases and weeds.

Stranák, F.
O přezimování škůdců kulturních rostlin. Ochrana Rostlin. 7: 113-118. illus. D.1927 (1928) no.6.
Winter injury to cultivated plants.

Vielwerth, Vl.
Ochranné práce v ovocných sadoch pred počiatkom vegetačnej doby. Ochrana Rostlin. 7: 141-145. D.1927(1928) no.6.
Control of fruit diseases.

Papers Mich. Acad. Sci.

Billington, C.
The flora of a recently exposed shoal, Whitney Bay, Drummond Island, Michigan. Papers Mich. Acad. Sci. 8: 51-58. illus (map.) pl.i. 1928.

Burnside, C.E.
Saprophytic fungi associated with the honey bee. Papers Mich. Acad. Sci. 8: 59-86. illus., pl. ii. 1928.

Dean, D.& Coburn, H.
An ecological study of Linné Bog, Cheboygan County, Michigan, with special reference to Nemopanthus mucronata (L.) Trelease. Papers Mich. Acad. Sci. 8: 87-96. illus. (map), pl. iii. 1928.
A Chamaedaphne stage in bog development.

Erlanson, E.W. & Hermann, F.J.
The morphology and cytology of perfect flowers in Populus tremuloides Michx. Papers Mich. Acad. Sci. 8:97-110. pl.iv-vi. 1928.

Gates, F.C. & Ehlers, J.H.
Additions to an annotated list of the higher plants of the region of Douglas Lake, Michigan. Paper Mich. Acad. Sci. 8: 111-120. 1928.
Douglas Lake in Emmet & Cheboygan counties.

Gustafson, F.G.
Growth studies on fruits. Chemical analyses of tomato fruits. Papers Mich. Acad. Sci. 8: 121-127. 1928.

Hinsdale, W. B.
Indian corn culture in Michigan. Papers Mich. Acad. Sci. 8: 31-49. illus. 1928.
Culture of maize by the Indians.

Kaufmann, C.H.
Cystidia in the genus Clavaria and some undescribed species. Paper Mich. Acad. Sci. 8: 141-151. 1928.
C. fumosoides, C. piperata, C. systidiophora, C. globospora, C. maricola, no.spp.

Kaufmann, C.H.
The genus Clitocybe in the United States, with a critical study of all the north temperature species. Papers Mich. Acad. Sci. 8: 153-214. pl.viii-xiv. 1928.
C. felleoides, C. gilvaoides, C. intermedia, n.spp.

Papers Mich.Acad. Sci.(cont.)

Kanouse, B.B. & Humphrey, T.
A new species of the genus Pythium in the subgenus Aphragmium. Papers Mich. Acad. Sci. 8: 129-140. pl. vii. 1928.
P. afertile.

Wehmeyer, L.E.
Cultural life-histories of Diaporthe III. Papers Mich. Acad. Sci. 8: 215-232. pl. xv-xvii. 1928.
Apioporthe phomaspora comb.nov.

Woodcock, E.F. & Tullis, E.C.
Extra-floral nectar glands of Malus malus and Pyrus communis. Papers Mich. Acad. Sci. 8: 239-243. pl. xix. 1928.

Woodcock, E.F.
Observations on the morphology of the seed of Cerastium vulgatum. Papers Mich. Acad. Sci. 8: 233-238. pl. xviii. 1928.

Parfum. Mod. (Lyon, France)

Parry, E.J.
L'huile de santal médicinale. Medicinal sandalwood oil. Parfum. Mod. 21: 21-24. F.1928. no.2.

Perfum. & Essent. Oil Rec. (London)

The Begonia in the perfumer's art. Perfum. & Essent. Oil Rec. 19: 59-60. illus. F.1928.no.2.

Penfold, A.R. & Morrison, F.R.
The essential oil of Eucalyptus micrantha (De Candolle) and E. haemastoma (Smith). Perfum. & Essent. Oil Rec. 19: 45-46. illus. F.1928. no.2.
Abstract of paper.

Perrot, E.
The sandalwoods of Australia and their essential oils. Perfum. & Essent. Oil Rec. 19(Suppl.): A-L. illus. F.1928. no.2.

Pflanzenbau (Berlin)

Bonne, G.
Ein beitrag zur gelbrostfrage. Pflanzenb. 4: 241-250. illus. F.15,1928. no.16.

V.10, no.6, p.24.

Poona Agr. Coll. Mag. (Poona City)
Gandhi, S. R.
A grape vine disease new to India "Dematophora necatrix Hartig." Poona Agr. Coll. Mag. 19: 205-207. F.1928. no.4.

Prakt. Blatt. Pflanzenb. u. Pflanzensch. (Freising)
Bericht uber das auftreten von krankheiten und schadlingen am tabak im jahre 1927. Prakt. Blatt. Pflanzenb. u. Pflanzensch. 5: 280-285. F.1928. no.11.

Proc. Nat. Acad. Sci.
Shull, G.H.
Linkage with crossing-over between rubricalyx buds and old-gold flower color in Oenothera. Proc. Nat. Acad. Sci. 14: 147-149. F.1928. no.2.

Shull, G.H.
The "outside-in" Oenothera flower, a new morphological type produced by the interaction of two recessive Mendelian factors. Proc. Nat. Acad. Sci. 14: 142-146. F.1928. no.2.

Progr. Agr. & Vitic. (Montpellier)
Fron, G.
Emploi du bisulfate de potasse pour la destruction des plantes adventices. Progr. Agr. & Vitic. 89: 215-217. F.26, 1928. no.9.

Publ. Field Mus. Nat. Hist. Bot.Ser.
McNair, J.B.
Citrus products. II. Publ. Field Mus. Nat. Hist. Bot.Ser. 6: 213-392. front., pl. vii-xxii. Nov.14,1927 (Rec'd Mr.1928) no.2.
Publ. 245.

Rev. Agr. Com. y Trab. Cuba. (Habana)
Iglesias, B.R.
Enfermedades del cafeto.La mancha de la hoja Rev.Agr., Com. y Trab. Cuba. 9(5): 36-41. illus. N.1927 (Rec'd Mr.1928)
Stilbella flavida.

Rev.Centro Estud. Agron. y Vet.Univ. Buenos Aires.
Castellanos, A.
Notas fitoteratológicas. Rev. Centro Estud. Agron. y Vet. Univ. Buenos Aires. 19: 312-326. illus. S./O. 1926. (Rec'd Mr.1928) no.129.
Indice de las obras citadas: p.326.

Rev. Centr. Estud. Agron. y Vet.Univ. Buenos Aires.(cont.)

Horovitz, S.
Estudio de cromosomas durante la formación del polen. Rev. Centro Estud. Agron. y Vet. Univ. Buenos Aires. 19: 472-485. pl. i-ii. S./O. 1926 (Rec'd Mr.1928) no.129.
Vicia faba.

Marchionatto, J.B.
El bitter-pit de la manzana. Rev. Centr. Estud. Agron. y Vet. Univ. Buenos Aires. 20: 325-328. illus. Ag.1927(Rec'd Mr.1928) no.132.

Marchionatto, J.B.
Polvillo, roya negra, roya lineal del trigo. Rev. Centro Estud. Agron. y Vet. Univ.Buenos Aires. 19: 364-372. illus. S./O.1926 (Rec'd Mr.1928) no.129.

Vercellio, C.
Genética y electrogenetica. Rev. Centro Estud. Agron. y Vet. Univ. Buenos Aires. 20: 166-169, Je.1927 (Rec'd Mr.1928) no.131.

Rev. Eaux et For.(Paris)

Champsaur, G.
La corroyère a feuilles de myrte. Rev. Eaux et For. VI, 66: 84-88. F.1928. no.2.
Coriaria myrtifolia.

Rev. Gén. Sci, (Paris)

Guyot, R.
Microbes et champignons phosphorescents. Parallélisme. Rev. Gén. Sci. 39: 113-116. F.29, 1928. no.4.

Rev. Hort. (Paris)

Lesourd, F.
Les plus gros arbres de France. (cont.) Rev. Hort. 100; 50-52. illus. F.16,1928. no.2.
I. Feuillus.

Mottet, S.
Pomme de terre de deux ans. Rev.Hort. 100: 37-38. illus. F.16, 1928. no.2.

Robertson Prowchowsky, A. & Lesourd, F.
Anomalies dans la floraison des agaves. Rev. Hort. 100: 43-44. F.16, 1928. no.2.

Rev. Hort. (cont.)

Vilmorin, R.de.
Statice sinuata. Rev. Hort. 100: 44. col.pl. F.16, 1928. no.2.

Rev. Hort. Algérie (Alger)

Trabut, L.
Le cyprès de l'Arizona. Cupressus arizonica Greene. Rev. Hort. Algerie. 32: 9-10. Ja.1928. no.1.

Trabut, L.
Le peyotl. Echinocactus williamsii. Rev. Hort. Algérie. 32: 5-8. illus. Ja.1928. no.1.

Rhodesia Agr. Jour. (Salisbury)

Hopkins, J.C.F.
Mosaic disease of tobacco. Rhodesia Agr. Jour. 25: 188-194, illus., pl. F.1928. no.2.

Hopkins, J.C.F.
Wildfire and angular spot of tobacco. Rhodesia Agr. Journ. 25: 139-143. plates. F.1928. no.2.

Schrift. Naturf. Ges.Danzig.

Wangerin, W.
Vegetationsstudien im nordostdeutschen flachlande. I. Schrift. Naturf. Ges. Danzig. n.f. 17(4): 170-272. 1927 (Rec'd Mr.1928)

Science. (Lancaster,Pa.)

Andrews, E.A.
Tree frogs and pitcher plants. Science. 67: 269-270. Mr.9, 1928. no.1732.
Sarracenia flava.

Arnold, C.A.
Some Devonian plant localities of central and western New York. Science. 67: 276-277. Mr.9, 1928 no.1732.

McCrea,A.
Effect of ultra-violet light upon Digitalis purpurea. Science. 67:277-278. Mr.9,1928. no.1732.
Beneficial both to growth & potency.

McKinney, H.H.
Centrifuging filtrable viruses. Science. 67: 271. Mr.9,1928. no.1732.

Science. (cont.)

Robinson, B.B.
Concerning the transmission of an acquired character in flax. Science. 67: 242. Mr.2, 1928. no.1731.

Scient.Agr.(Ottawa)

American phytopathological society - Canadian division.
Abstracts of papers submitted at 9th ann. meeting... Winnipeg, Manitoba, D.20,1927. Scient. Agr. 8: 459-464. Mr.1928.no.7.

Bailey, D.L. & Greaney,F.J.
Dusting with sulphur for the control of leaf and stem rust of wheat in Manitoba. Scient. Agr. 8: 409-432. illus. Mr.1928. no.7.

Bisby, G.R. & Conners,I.L.
Plant diseases new to Manitoba. Scient. Agr. 8: 456-458. Mr.1928. no. 7.

Elders,A.T.
A dwarfing character in sweet clover. Scient. Agr. 8: 438-440. illus. Mr.1928. no. 7.

Kirk, L.E. & Davidson, J.G.
Potentialities of sweet clover as plant breeding material. Scient. Agr. 8: 446-455. illus. Mr. 1928. no. 7.

Scient. Amer. (N.Y.)

Spinden, H.J.
Thank the American Indian. Scient. Amer. 138: 330-332. illus. Ap.1928. no.4.
We owe to the Indian well over half of our great agricultural wealth. Potatoes, maize, cacao, beans the peanut, rubber and other plants were domesticated here long before Columbus discovered America.

Thone, F.
New discovery speeds up evolution. Scient. Amer. 138: 235. port. Mr.1928.
Prof. H.J. Muller, Univ.of Texas, winner of prize given by Amer. Assoc. Adv.Sci., for paper on evolutionary changes and mutations produced by X-rays, experiments with fruit flies, to be applied also to plants.

Sci. Rep. Tohoku Imp. Univ. Sendai, Japan.

Yamagishi, H.

Investigations on the course of saccharification by Aspergillus oryzae (Ahlburg) Cohn. Sci. Rep. Tôhuku Imp. Univ. Sendai, Japan. IV, 3: 179-204. ja.1928. no.2.

Scott. For. Journ.

Alcock, N.L. & Wilson, M.

Armillaria mellea on heather. Scott. For. Journ. 41: 224-225. O.1927 (Rec'd F.1928) no.2.

Alcock, N.

The control of plant diseases. Scott. For. Journ. 41: 132-138. O.1927 (Rec'd F.1928) no.2.

Laing, E.V.

Mycorrhiza of forest trees: an outline of the progress in our knowledge. Scott. For. Journ. 41: 115-124. O.1927. no.2.

Seed World. (Chicago)

Cox, J.F.

Crop breeding work at Michigan. Seed World. 23(5): 7-9. illus. Mr.9,1928. no.5.

Soil Sci.(Baltimore)

Harrington, E.L.

Soil temperatures in Saskatchewan. Soil Sci. 25:183-194. Mr.1928. no.3.

Jensen, H.L.

Actinomyces acidophilus n.sp. - A group of acidophilus actinomycetes isolated from the soil. Soil Sci. 25: 225-233. Mr.1928. no.3.

Tulaikov, N. & Kozhevnikov, A.

The absorption of rain water during vegetation by the soil and its utilization by plants. Soil Sci. 25: 213-224. Mr.1928. no.3.

South African Gard. (Johannesburg)

Bolus, L.

Pink-drooping-bell heath (Erica propendens, Andr.) South African Gard. 18: 42. illus., (col.) F. 1928. no.2.

South African Gard. (cont.)

Bolus, L.

Plants, new or noteworthy. South African plants cultivated at the National botanic gardens-Kirstenbosch. South African Gard. 18: 61-62. illus. F.1928. no.2.

Piaranthus framesii, Stapelia immelmaniae, S. nudiflora, Caralluma framesii, n.sp.

Marloth, R.

The meloformia group of Euphorbias. South African Gard. 18: 45-46. illus. F.1928. no.2.

S., K.C.

South African gladioli for South African gardens. South African Gard. 18: 48-49. illus. F.1928. no.2.

South. Flor.(Fort Worth, Tex.)

Ruth, A.

Flora of the Ozarks of Arkansas. VI-VII. South. Flor. 24(22): 16-18; (23): 10,19. Mr.2,9, 1928.

Succulenta. (Leeuwarden)

Duursma, G.D.

Kalanchoë's. Succulenta. 10: 48-51. Mr. 1928. no.3.

Houten, J.M. van den.

Aporocactus flagelliformis, Lem. Succulenta. 10: 46-48. illus. Mr.1928. no.3.

Verbeek Volthuys, J.J.

De succulenten III. Een symphonie in wit. Succulenta. 10: 43-46. Mr.1928. no.3.

Sver. Utsädesför. Tidskr. (Svalof)

Tedin, O.

Växtsjukdomarna i Förenta Staternas jordbruk (cont.). Sver. Utsädesför. Tidskr. 37: 333-350. 1927. no.6.

English summary (Plant diseases in the agriculture of the United States): p.348-350. no.6.

Through the Leaves (Denver)

Durrell, L.W.

The root rot of alfalfa. Through the leaves. 16: 119. Mr.1928. no.3.

Tropenpfl. (Berlin)

Grunwald, H.
Die erdnuss (Arachis hypogaea L.) Tropenpfl. 31: 43-58. F.1928. no.2.

Trop. Woods, Yale Univ. Sch.For. (New Haven, Conn.)

Kribs, D.A.
The Persuad collection of British Guiana woods. Trop. Woods Yale Univ. Sch. For. 13: 7-46. Mr.1,1928.

Record, S.J.
The "longotra" of Madagascar classified. Trop. Woods Yale Univ. Sch. For. 13: 1-2. Mr.1, 1928.
Cryptocarya sp.

Record, S.J.
"Pink ivory" wood. Trop. Woods, Yale Univ. Sch.For. 13: 4-5. Mr.1,1928.
Rhamnus zeberi.

Die Umschau. (Frankfurt)

Gothan, W.
Dezendenztheorie und fossile pflanzenwelt. Umschau. 32: 150-154. illus. F.19, 1928. no.8.

U.S. Dept. Agr. Circ.

Charles, V.K. & Popenoe, C.H.
Some mushroom diseases and their carriers. U.S. Dept. Agr. Circ. 27; 9 p. illus. F.1928 (Mr.)

Holbert, J.R., Reddy, C.S. & Koehler, B.
Chemical-dust seed treatments for Dent corn. U.S.Dept. Agr. Circ. 34. 5 p. F.1928 (Mr.)

U.S. Dept. Agr. Techn. Bull.

Clark, J.A., Florell, V.H. & Hooker, J.R.
Inheritance of awnedness, yield, and quality in crosses between Bobs, hard Federation, and Propo wheats at Davis, California. U.S. Dept. Agr. Techn. Bull. 39. 39 p. F.1928 (Mr.)

Marsh, C.D., Clawson, A.B.& Roe, G.C.
Wild tobaccos (Nicotiana trigonophylla Dunal and Nicotiana attenuata Torrey) as stock-poisoning plants. U.S.Dept. Agr. Techn. Bull. 22. 22 p. illus. D.1927 (Mr.1928)

U.S. Dept. Agr. Techn. Bull. (cont.)

Sieglinger, J.B.
Broomcorn experiments at the United States dry-land field station, Woodward, Okla. U.S. Dept. Agr. Techn. Bull. 51. 32 p. illus. F.1928.

Sievers, A.F.
Methods of extracting volatile oils from plant material and the production of such oils in the United States. U.S. Dept. Agr. Techn. Bull. 16, 35 p. illus. Ja.1928(Mr.)

Univ. Calif. Publ. Bot. (Berkeley, Calif.)

Belling, J.
A working hypothesis for segmental interchange between homologous chromosomes in flowering plants. Univ. Calif. Publ. Bot. 14: 283-291. F.1928. no.8.

Drew, K.M.
A revision of the genera Chantransia, Rhodochorton, and Acrochaetium, with descriptions of the marine species of Rhodochorton (Naeg.) gen. emend. on the Pacific Coast of North America. Univ. Calif. Pub. Bot. 14: 139-224. illus. F.1928. no.5.

Groff, G.W. & Clark, G.W.
The botany of Ephedra in relation to the yield of physiologically active substances. Univ. Calif. Publ. Bot. 14: 247-282. F.1928.no.7.
List of Ephedra species:p.267-268.

Myers, M.E.
The life-history of the brown alga, Egregia menziesii. Univ. Calif. Publ. Bot. 14: 225-246. illus. F.1928. no.6.

Univ. Illinois Biol. Monogr.

Stevens, F.L.
Fungi from Costa Rica and Panama. Univ. Illinois Biol. Monogr. 11(2). 102 p. pl. i-xviii. Ap.1927 (Rec'd Mr.1928)

Veröffentl. Geobot. Inst. Rubel Zurich.

Allorge, P.
Sur l'amplitude éco-sociologique de quelques espèces atlantiques de Norvège. Veröffentl. Geobot. Inst. Rubel Zurich 4(Ergebn. Intern. Pflanzengeogr. Exkurs. Schweden & Norwegen, 1925): 197-209. 1927. (Rec'd Mr.1928)

Veröffentl. Geobot. Inst. Rübel Zürich (cont.)

Dokturowsky, W.S.
Die sukzession der pflanzenassoziationen in den russischen torfmooren (Materialen zur vergleichung der skandinavischen und russischen torfmoore). Veröffentl. Geobot. Inst. Rübel Zürich 4(Ergebn. Intern. Pflanzengeogr. Exkurs. Schweden & Norwegen. 1926): 123-143. 1927 (Rec'd Mr.1928)

Frey, E.
Bemerkungen über die flechtenvegetation Skandinaviens, verglichen mit denjenigen der Alpen. Veröffentl. Geobot. Inst. Rübel Zürich 4(Ergebn. Intern. Pflanzengeogr. Exkurs. Schweden & Norwegen. 1925): 210-259. illus. 1927 (Rec'd Mr.1928)

Gams, H.
Beiträge zur kenntnis der vegetation, Schwedischer seen. Veröffentl. Geobot. Inst. Rübel Zürich. 4 (Ergebn. Intern. Pflanzengeogr. Exkurs. Schweden & Norwegen): 67-77. illus. 1927 (Rec'd Mr.1928)

Keller, B.A. & Keller, E.F.
Materialen zur ökologischen anatomie der gattung Betula und Pinguicula vulgaris L. Veröffentl. Geobot. Inst. Rübel Zürich 4(Ergebn. Intern. Pflanzengeogr. Exkurs. Schweden & Norwegen, 1925): 96-102. 1927 (Rec'd Mr.1928)

Margraf, F.
Vergleich von buchenassoziationen in Norddeutschland und Schweden. Veröffentl. Geobot. Inst. Rübel Zürich 4(Ergebn. Intern. Pflanzengeogr. Exkurs. Schweden & Norwegen, 1925): 42-56. 1927 (Rec'd Mr.1928)

Regel, C.
Die Cornus suecica-assoziationen von Nordeuropa. Veröffentl. Geobot. Inst. Rübel Zürich. 4(Ergebn. Intern. Pflanzengeogr. Exkurs. Schweden & Norwegen, 1925): 103-122. fold.tab. 1927 (Rec'd Mr.1928)

Rübel, E.
Einige skandinavische vegetationsprobleme Veröffentl. Geobot. Inst. Rübel. Zürich. 4(Ergebn. Intern. Pflanzengeogr. Exkurs. Schweden & Norwegen. 1925): 19-41. 1927(Rec'd Mr.1928)

Veroffentl. Geobot. Inst. Rübel Zurich (cont.)

Rytz, W.

Einige beobachtungen an uredineen, gesammelt an der 4. I.P.I. Veroffentl. Geobot. Inst.Rübel Zürich 4(Ergebn. Intern. Pflanzengeogr. Exkurs. Schweden & Norwegen, 1925): 78-95. illus. 1927. (Rec'd Mr.1928)

Puccinia lapponica, P.jørstadi, n.spp.

Vierhapper, F.

Vergleichende betrachtungen über die pflanzendecke Skandinaviens und der Ostalpen. Veröffentl. Geobot. Inst. Rübel Zürich. 4(Ergebn. Intern. Pflanzengeogr. Exkurs. Schweden & Norwegen, 1925): 144-196. 1927 (Rec'd Mr.1928)

Versl. en Meded. Plantenziektenk. Dienst. Wageningen.

Hus, P.

De schurftziekte bij appel en peer. Versl. en Meded. Plantenziektenk. Dienst. Wageningen. no.50. 24 p. iii pl. D.1927 (Rec'd Mr.1928)

With cooperation of J.Adema & Th.J.de Vin.

Poeteren, N.van.

Verslag over de werkzaamheden van den plantenziektenkundigen dienst in het jaar 1926. Versl. en Meded. Plantenziektenk. Dienst. Wageningen. no.51. 100 p. vi pl. Ja.1928.

Wageningen. Plantenziektenkundigen dienst.

Aardappelziekten waarmede rekening moet worden gehouden bij de veldkeuring en bij de selectie. Its. Versl. en Meded. no.6(i.e.52)23 p. vii pl. (part.col.) Ja. 1928.

Wild Flower.

George, H.

Growing wild flowers from seed. Wild Flower. 5:6-8. Ja.1, 1928. no.1.

Zashch. Rast. Vred.(La Défense Plant. Leningr.)

Serbinov, I.L.

... Les bactérioses des grains du mays et du froment, appartenant aux types de corn-wilt, de corn-blight au de Triticum-blight, observees au gouvernement d'Odessa. Zashch. Rast. Vred. (La Défense Plant. Leningr.) 4: 772-775. 1928. no.4.

Russian.

Zashch. Rast. Vred.(La Défense Plant. Leningr.) (cont.)
Tikhonen, A.N.
... Enumération des maladies des plantes cultivées et des forêts dans le gouvernement de Brjansk en 1926. Zashch. Rast. Vred. (La Défense Plant. Leningr.) 4: 775-779. 1928. no.4.
Russian.

Vanin, S.
... Contributions à la flore mycologique de la péninsule de Kola. Zashch. Rast. Vred. (La Défense Plant. Leningr.) 4: 770-772. 1928. no.4.
Russian.

Zeitschr. Angew. Chem. (Leipzig)
Wieland, H.
Theodor Curtius. Zeitschr. Angew. Chem. 41: 193-194. F.25, 1928. no.8.
Died F.8,1928.

Zeitschr. Pflanzenkr. (Stuttgart)
Blumer, S.
Ueber den mehltau der hortensie. Zeitschr. Pflanzenkr. 38: 78-83. illus. Mr./Ap.1928. no.3/4.

Niethammer, A.
Sekundäre beizwirkungen. Zeitschr. Pflanzenkr. 38: 83-87. Mr./Ap. 1928. no.3/4.
Stimulation by fungicides.

Tubeuf, C.von.
Eine neue krankheit der Douglastanne. Zeitschr. Pflanzenkr. 38: 70-78. illus. Mr./Ap. 1928. no.3/4.
Rhabdocline pseudotsugae.

Tubeuf, C.von.
Reichspflanzenschutzgesetz. Zeitschr. Pflanzenkr. 38: 65-70. Mr./Ap.1928. no.3/4.

Zuckerrübenbau. (Hannover)
Rathlef, H.von.
Weiteres über die verbreitung der rübennematoden in Südschweden und auf Gotland. Zuckerrübenbau. 10: 33-35. F.1928. no.2.

Exper. Stat. Publ.

Manns, T.F.
Grape disease control in Delaware.
Delaware Agr. Exp. Stat. Bull. 154. 37 p.
illus. F.1928 (

Melhus, I.E., Reddy, C.S., Raleigh, W.P. & Burnett, L.C.
Seed treatment for corn diseases. Iowa
Agr. Exp. Stat. Circ. 108. 16 p. illus. Ja.1928.

Appleman, C.O. & Conrad, C.M.
The pectic constituents of tomatoes and their
relation to the canned product. Maryland Agr.
Exp. Stat. Bull.291. 17 p. S.1927.(Rec'd Mr.1928)

Cormany, C.E.
Chicory growing in Michigan. Michigan Agr.
Exp. Stat. Spec.Bull. 167. 11 p. illus. D.1927.
(Rec'd Mr.1928)

Dutton, E.C., Pettit, R.H. & Bennett, C.W.
Spraying calendar. Michigan Agr.Expt. Stat.
Spec.Bull. 174. 31 p. illus. F.1928.

Tuber disease treatment tests. Minn. Northwest.
Exp. Stat. Crookst. Rep. 1927: 32-36 (Rec'd F.1928)

Stewart, F.C.
Report of the Department of botany for the year
ended Je.30,1927. New York Agr. Exp.Stat.Ann.
Rep. 46: 31-37. 1928.

Robinson, R.H. & Whitaker, C.F.
The chemical composition of insecticides and
fungicides. Oregon Agr. Exp. Stat. Circ.84.
15 p. Ja.1927(Rec'd Mr.1928)
1926-1927 report.

Harrington, M.T.
A chemical study of varieties of cotton seed.
Texas Agr. Exper. Stat. Bull. 374. 19 p. Ja.1928.

State Publications.

Weber, G.F.
Owen F. Burger - man and scientist. Month.
Bull. State Plant Bd. Florida. 12: 158-162.
port. F.1928. no.8.

New Books.

Blatter, E.
Beautiful flowers of Kashmir. London, J. Bale, sons & Danielsson, 1927.
Colored plates.

Fryer, J.C.F.
Fungus and insect pests of the farm. London, E. Benn, 1928 ("The Farmer and stock-breeder" manuals)

Dowling, R.N.
Sugar beet and beet sugar. London, E.Benn, 1928.
Insect and fungoid diseases of the beet crop; p.224-249.

Hosseus, C.C.
... Apuntes sobre las cactáceas. Cordoba, (Argentine) Impr. de la Universidad, 1926.

Jaczewski, A.A.
Karmannyi opredelitel gribov [Determination of "pocket" fungi] Leningrad, 1926-27. 2 v.
Russian.
V.1, Exoascales; v.2, Erysiphaceae.

Mexico. Secretaría de agricultura y fomento - Direcion de estudios biológicos.
Catalogo alfabetico de nombres vulgares y cientificos de plantas que existen en Mexico... num.18, Ta-Tuc. [1928?]

Robson, G.C.
The species problem: an introduction to the study of evolutionary divergence in natural populations. Edinburgh, Oliver & Boyd, 1928.

Willstätter, R. & Stoll, A.
Investigations on chlorophyll, methods and results. Authorized English translation from the German by F.M. Schertz and A.R. Merz. Washington, D. C., F.M. Schertz, 1928.

BOTANY
CURRENT LITERATURE

ADDITIONS TO THE BOTANICAL CATALOGUE, BUREAU OF PLANT INDUSTRY,
COMPILED FROM PUBLICATIONS RECEIVED IN THE
LIBRARY OF THE UNITED STATES DEPARTMENT OF AGRICULTURE, WASHINGTON, D. C.

Vol.10, no.7. Mr.19 -31,1928.

Agr. Bull. Bermuda (St.George's)

Ogilvie, L.

Plant pathological investigations and activities during 1926 and 1927. Agr. Bull. Bermuda. 7(1): 4-6. Ja.1928.

Agron. Colon. (Paris)

Chalot, C.

L'essence de bergamotte. Agron. Colon. 17: 11-13. Ja.1928. no. 121.

Citrus bergamia.

Amer. For. & For. Life. (Wash., D. C.)

Buttrick, P.L.

The paradise of the cedars. Amer. For. & For. Life. 34: 219-220. illus. Ap.1928. no.412.

The French government of Algeria has set apart an area as a National Park. This is known as Cedar National Park or the Paradise of Cedars. It lies on the upper slopes of the Ouarensis Mountains, about one hundred and twenty miles inland from the city of Algiers.

Hastings, C.

Naming the Sequoia. Amer. For. & For. Life. 34: 203-205. illus. Ap.1928. no.412.

Metcalf, W.

The Chinese elm - a valuable tree. Amer. For. & For.Life. 34: 229, 240. illus. Ap.1928. no.412.

Ulmus pumila.

Amer. Journ. Bot.

Bates, C.G. & Roeser, J.

Light intensities required for growth of coniferous seedlings. Amer. Journ.Bot. 15: 185-194. Mr. 1928. no.3.

Amer. Journ. Bot. (cont.)

Campbell, D.H.
The Australasian element in the Hawaiian flora. Amer. Journ. Bot. 15: 215-221. Mr.1928. no.3.

Farr, C.H.
Studies on the growth of root hairs in solutions VI. Structural responses to toxic pH and molar concentrations of calcium chlorid. Amer. Journ. Bot. 15: 171-178. pl. vii-ix. Mr.1928. no.3.

Karling, J.S.
Studies in the Chytridiales II. Contributions to the life history and occurrence of Diplophlyctis intestina (Schenk) Schroeter in cells of American Characeae. Amer. Journ. Bot. 15: 204-214. pl. xiv. Mr.1928. no.3.

Rydberg, P.A.
Genera of North American Fabaceae III. Tribe Psoraleae. Amer. Journ. Bot. 15: 195-203. pl. xii-xiii. Mr. 1928. no.3.

Wolfson, A.M.
Germination of the spores of Pellia epiphylla and P. neesiana. Amer. Journ. Bot. 15: 179-184. pl.x-xi. Mr.1928. no.3.

Amer. Midl. Nat. (Notre Dame, Ind.)

Farwell, O.A.
Botanical gleanings in Michigan, V. Amer.Midl. Nat. 11: 41-71. illus. Mr.1928. no.2.

Farwell, O.A.
Contributions to the botany of Michigan,no.15. Miscellaneous notes. Amer. Midl. Nat. 11: 72-85. Mr.1928. no.2.

Angew. Bot. (Berlin)

Chomisury, N.
Beitrag zur keimfähigkeit und zytologie des pollens einiger Prunus- und Rubussorten. Angew. Bot. 9: 626-636. illus. N./D.1927 (Rec'd Mr.1928) no.6.

Angew. Bot. (cont.)

Lipperheide, C.
Neuere untersuchungen über den einfluss der elektrizitat auf pflanzen. Angew. Bot. 9: 561-625. illus. N./D.1927 (Rec'd Mr.1928) no.6.

Lutochin, S.N.
Ueber die autogamie bei der wassermelone (Citrullus vulgaris Schrad.) Angew. Bot. 9: 648-653. illus. N./D.1927 (Rec'd Mr.1928) no.6.

Nicolaisen, N. & Ostermayer, F.
Die blutenformen der spinatsorte "Juliana". Angew.Bot. 9: 637-648. illus. N./D.1927(Rec'd Mr. 1928) no.6.

Ann. Jard. Bot. Buitenzorg.

Coster, Ch.
Zur anatomie und physiologie der zuwachszonen- und jahresringbildung in den tropen (cont.) Ann. Jard. Bot. Buitenzorg. 38: 1-114. pl. i-vi. 1927. (Rec'd Mr.1928) no.1.

Docters van Leeuwen, W.
Beiträge zur kenntnis der Javanischen loranthaceen. Ann.Jard. Bot. Buitenzorg. 38: 121-130. pl. ix-xii. 1927 (Rec'd Mr.1928) no.1.

Heide, F.
On the waxglands of Ficus glaberrima Bl. and their significance for Loriculus pusillus G.R.Gray. Ann. Jard. Bot. Buitenzorg. 38: 115-120. pl.vii-viii. 1927 (Rec'd Mr.1928) no.1.

Ann. Rep. Quebec Soc. Prot. Plants.

Dickson, B.T.
A peculiar winter injury to turf. Ann. Rep. Quebec So. Prot. Plants. 19: 49-51. illus. 1927.
A fungus disease, but the organism has not, as yet, been identified.

Machacek, J.E.
A Penicillium rot of gladiolus. Ann. Rep. Quebec So. Prot. Plants. 19: 77-86. illus. 1927.
Penicillium gladioli, n.sp.

Perrault, C.
A common leaf spot of iris in Quebec. Ann. Rep. Quebec Soc. Prot. Plants. 19: 87-103. 7 pl. 1927.
Heterosporium gracile.

Ann. Rep. Quebec Soc. Prot. Plants. (cont.)
Pomerleau, R.
Some Pyrenomycetes of Quebec. Ann. Rep. Quebec. Soc. Prot. Plants. 19: 52-76. plates. 1927.

Racicot, H.N.
Inspection of certification of raspberry plantations in the Province of Quebec. Ann. Rep. Quebec Soc. Prot. Plants. 19: 47-48. 1927.

Arch. Pharm. & Ber. Deut. Pharm. Ges. (Leipzig)
Harste, W.
Die medizinische wirkung der Capsella bursa pastoris sowie der auf ihr lebenden parasiten mit besonderer berücksichtigung des entwicklungsganges der beiden pilze. Arch. Pharm. u. Ber. Deut. Pharm. Ges. 266: 133-151. illus. Mr. 1928. no.3.

Heppeler, F.
Beitrage zur systematik der gattung Rhamnus mit besonderer berücksichtigung des emodinvorkommens. Arch. Pharm. u. Ber. Deut. Pharm. Ges. 266: 152-173. Mr. 1928. no.3.

Arch. Protistenk. (Jena)
Schiller, J.
Die planktischen vegetationen des adriatischen meeres. C. Dinoflagellata. I. teil. Adiniferidea, Dinophysidaceae. Arch. Protistenk. 61: 45-91. illus., pl.3. Mr.1928. no.1.

Arch. Suikerind. Ned. Indië.
Arrhenius, O.
Wortelrot en grondeigenschappen. Arch. Suikerind. Nederl.-Ind. 1: 129-143. F.1928. no.6.

Arch. Suikerind. Nederl.Indië (Meded.) (Soerabaja)
Arrhenius, O.
Het stickstofvraagatuk bij de suikerriet-cultuur op Java. Arch. Suikerind. Nederl.-Ind. v.36, pt. 3. (Meded.1928) p.91-152. no.3.
English summary (The nitrogen question in the cane districts of Java): p.111-113.

Årsskr. Lantbr. o. Mejerinst. Alnarp.
Lamprecht, H.
Ueber nachbarwirkung bei mohrrüben in versuchskulturen. Årsskr. Lantbr.-o. Mejeriinst. Alnarp. 1927 (Uppsatser): 13-24.

Atti R. Accad.Lincei VI, Rend.Cl.Sci. Fis. Mat. e Nat.(Rome)
Passerini, N. & Galli, P.
Sperimenti intorno l'azione del cloruro sodico contenuto nell'acqua d'irrigazione su di alcune piante. Atti R. Accad. Lincei VI, Rend. Cl. Sci. Fis. Mat. e Nat. 6: 618-619. D.1927. no.12.

Ber. Deut. Bot. Ges. (Berlin)
Bertsch, K.
Eine frühdiluviale flora im Stuttgarter tal. Ber. Deut. Bot. Ges. 46: 40-46. F.1928. no.1.

Györffy, I.
Ein doppeltes stengelblatt der tanne aus der Hohen-Tâtra. Ber. Deut. Bot. Ges. 46: 27-28. illus. F.1928. no.1.

Hamorak, I.N.
Ein neuer transpirograph. Ber. Deut. Bot. Ges. 46: 2-7. illus. F.1928. no.1.

Jahn, E.
Myxomycetenstudien. 12. Das system der myxomyceten. Ber. Deut. Bot. Ges. 46: 8-17. pl. i. F.1928. no.1.

Kolkwitz, R.
Ueber gasvakuolen bei bakterien. Ber.Deut. Bot. Ges. 46: 29-34. illus. F.1928. no.1.

Kolkwitz, R.
Zur kenntnis der biologischen selbstreinigung der gewässer. Ber. Deut. Bot. Ges. 46: 35-39. illus. F.1928. no.1.

Lilienstern, M.
Physiologische untersuchung über Cuscuta monogyna Wahl. Ber. Deut. Bot. Ges. 46: 18-26. F. 1928. no.1.

Better Fruit, (Portland, Ore.)
Whipple, O.B. & Melhart, G.G.
More about water-core in apples. Better Fruit. 22(9): 9. Mr.1928.

Biochem. Zeitschr. (Berlin)

Zborovszky, A.

Ueber den energiegehalt und die energiespeicherung der pflanzen mit berücksichtigung ihres kohlenstoff- und stickstoffgehaltes. Biochem. Zeitschr. 193: 122-138. F.1928. no.1/3.

Blumen u. Pflanzenb. (Berlin)

Illmer, K.

Die aelchenkrankheit der chrysanthemum und ihre bekämpfung. Blumen & Pflanzenb. 43: 45-46. Mr.7, 1928. no.3.

Bot. Gaz. (Chicago)

Cockerell, T.D.A.

Aspects of the Madeira flora. Bot. Gaz. 85: 66-73. Mr.1928. no.1.

Describes the collection of woody plants in Mr. Charles O.L. Power's garden at Quinta do Deão. Madeira Island.

Evans, A.T.

Vascularization of the node in Zea mays. Bot. Gaz. 85: 97-103. illus. Mr.1928. no.1.

Gordon, S.M.

Studies in the genus Mentha 14. Oxidases of Mentha piperita. Bot. Gaz. 85: 110-115. Mr.1928. no.1.

Hoskins, J.H.

Notes on the structure of Pennsylvanian plants from Illinois II. Bot. Gaz. 85: 74-82. illus. pl.vi. Mr.1928. no.1.

Kurz, H.

Northern aspect and phenology of Tallahassee Red Hills flora. Bot.Gaz. 85: 83-89. Mr.1928. no.1.

McKown, L.W.

Some misunderstood Piperaceae. Bot. Gaz. 85: 46-65. illus. Mr.1928. no.1.

Piper chinantlense, P.jalapense, P. amalago subpanduriforme.

Papadopoulos, S.

A morphological comparison of leaflets of a hybrid cycad and the two parents. Bot. Gaz. 85: 30-45. Mr.1928. no.1.

Bot. Gaz. (cont.)

Sherff, E.E.
Studies in the genus Bidens. VIII. Bot. Gaz. 85: 1-29. pl.i-v. Mr.1928. no.1.

Skvortzow, B.W.
Some new and little known species of Trachelomones from North Manchuria, China. Bot. Gaz. 85: 90-96. pl.vii. Mr.1928. no.1.

Weatherwax, P.
Cleistogamy in two species of Danthonia. Bot. Gaz. 85: 104-109. illus., pl.viii. Mr.1928. no.1.
Danthonia spicata, D. sericea.

Bryologist. (Pittsburg)

Haynes, C. C.
Annie Lorenz - Biographical notice. Bryologist. 31: 1-7. Ja.1928. no.1.
Lists of botanical articles by Annie Lorenz: p.6-7.
Includes also appreciations from various botanists.

Jennings, O.E.
The ancestry of the mosses. Bryologist. 31: 10-15. Ja.1928. no.1.

Moxley, G.L.
Bryological notes from southern California. Bryologist. 31:7-10. Ja.1928. no.1.

Trotter, L.B.C.
Pterigynandrum filiforme Hedw., var. heteroterum B.&S., with gemmae, in Switzerland. Bryologist. 31: 15-18. illus. Ja.1928. no.1.

Bull. Agence Gén. Colon. France. (Paris)

Heim de Balsac, F., Deforge, A., Maheu, J. & Heim de Balsac, H.
Contribution a l'étude des écorces tanniferes de Madagascar. (cont.) Bull. Agence Gén. Colon. France. 20: 1431-1447. plates. D.1927. no.228.
IV. Écorce de "filao" (Casuarina equisetifolia L. - casuarinacées)

Heim de Balsac, F., Deforge, A., Dagand, G.S., Maheu, J. et Heim de Balsac, H.
Valeur papetière de la filasse d' "okon" (Triumfetta cordifolia A. Rich. - Tiliacées) du Cameroun. Bull. Agnece Gén. Colonies France. 20: 1447-1453. plates. D.1927. no.228.

Bull. Agr. Chem. Soc. Japan.

Fukuda, M.
The constituents of Typha angustata Bory. et Chaub. Bull. Chem. Soc. Japan. 3: 53-56. F.1928. no.2.

Sasaki, R.
On the some nitrogenous constituents of the leaves of kuzu (The Japanese arrow-root plant, Pueraria hirsuta, Matsum.) (cont.). Bull. Agr. Chem. Soc. Japan. 4: 1-5. Ja./F. 1928. no.1/2.

Sumiki, Y.
Versuche über die gärungsprodukte mittels schimmel pilze. III. Cytosporella damnosa. Bull. Agr. Chem. Soc. Japan. 4: 13-15. Ja./F.1928. no.1/2.

Takahashi, T.
On the physiology of Rhizopus species. X. Verification of zymase and carboxylase by Lohnstein's fermenting tube. Bull. Agr. Chem. Soc. Japan. 4: 15-18. Ja./F. 1928. no.1/2.

Bull. Misc. Inform. Kew. (London)

Kew, Royal gardens.
Review of the work of the Royal botanic gardens, Kew, during 1927. Bull.Mis.Inform. Kew. Appendix I, 1928, p.1-44.

Bull. Sci. Pharm. (Paris)

André, E. & Jouatte, D.
L'huile de gorli ("Oncoba echinata" Oliver). Bull. Sci. Pharm. 35: 81-87. F.1928. no.2.

Gillot, P.
Recherches sur les graines de l'"Euphorbia platyphylla" L. Bull. Sci. Pharm. 35: 107-110. F.1928. no.2.

Bull Soc. Bot. France. (Paris)

Benoist, R.
Acanthacées nouvelles du Gabon. Bull. Soc. Bot. France. 74: 671-673. Ja.1928. no.7/8.
Whitfieldia le testui, Crossandra gabonica, Rungia le testui, Dicliptera ripicola, nov.sp.

Camus, A.
Un bambou nouveau du Tonkin. Bull. Soc. Bot. France. 74: 620-622. Ja.1928. no.7/8.
Arundinaria brilletii, nov.sp.

Bull. Soc. Bot. France. (cont.)

Camus, A.
Eragrostis, Pentaschistis et Danthonia nouveaux de Madagascar. Bull Soc.Bot. France. 74: 688-692. Ja.1928. no.7/8.
E. perrieri, E. ambohibengensis, P. andringitrensis, P. humbertii, P. perrieri, Danthonia tsaratananensis, spp.nov.

Camus, A.
Graminées nouvelles de Madagascar. Bull. Soc. Bot. France. 74: 631-635. Ja.1928. no.7/8.
Andropogon humbertii, Setaria perrieri, Panicum neohumbertii, P. neboathiei, Acroceras ivohibense, spp.nov.

Camus, A.
Quelques Ophrys intéressants des Alpes-Maritimes (Gattières, Carros et environs de Nice). Bull. Soc. Bot. France. 74: 579-581. Ja.1928. no.7/8.

Chermezon, H.
Observations sur quelques cypéracées de Madagascar II. Bull. Soc. Bot. France. 74: 602-608. Ja. 1928. no.7/8.
Mariscus ivohibensis, no.sp.

Comère, J. & Vuathier, Ch.
Influence de la concentration en ions hydrogène sur la flore des algues des environs de Toulouse. Bull. Soc. Bot. France. 74: 581-586. Ja.1928. no.7/8.

Deflandre, G.
Remarques sur la systématique du genre Trachelomonas Ehr. II. Quatre Trachelomonas nouveaux. Bull. Soc.Bot. France. 74: 657-665. illus. Ja.1928. no.7/8.

Douin, Ch.
Remarques critique sur quelques céphaloziellacées Bull. Soc. Bot. France. 74: 712-725. Ja.1928. no.7/8.

Friedel, J.
Filiation des papavéracées. Bull. Soc. Bot. France. 74: 673-688. illus. Ja.1928. no.7/8.

Genevois, L.
Cinquième congrès international de génétique, Berlin, 11-17 septembre 1927. Bull. Soc. Bot. France. 74: 625-631. Ja.1928. no.7/8.

Bull. Soc. Bot. France. (cont.)

Guillaumin, A.
Contribution à la flore des Nouvelles-Hébrides. II. Liste des plantes connues. Bull. Soc. Bot. France. 74: 693-712. Ja.1928. no.7/8.

Litardière, R.de.
Le Botrychium simplex Hitchc. en Corse. Bull. Soc. Bot. France. 74: 729-734. pl.i. Ja.1928. no.7/8.

Martin-Sans, E.
Dialysis du calice, allomorphies et élongation du réceptacle chez Rosa repens Scop. f. Bull. Soc. Bot. France. 74: 586-588. illus. Ja.1928. no.7/8.

Mugnier, L.
Rosa stylosa Desv. dans la région parisienne. Bull. Soc. Bot. France. 74: 735-738. Ja.1928. no.7/8.

Nekrossova, V.
Les Parnassia de la section Nectarotrilobus. Bull. Soc. Bot. France. 74: 635-655. illus. Ja. 1928. no.7/8.
P. kumaonica, n.sp.

Pellegrin, F.
Une espèce problématique: le Bauhinia adansoniana Guill. et.Perrott. Bull. Soc. Bot. France. 74: 622-624. Ja.1928. no.7/8.

Rodriques, L.
Contribution à la flore du Guatemala (cont.) Bull. Soc. Bot. France. 74: 666-671. Ja.1928. no.7/8.

Trelease, W.
Les pipéracées de l'herbier Lamarck. Bull. Soc.Bot. France. 74: 592-602. illus. Ja.1928. no.7/8.

Yong, L.
Sur l'existence d' "Hybrides imparfaits" entre thalles de la même espèce de mucorinées. Bull. Soc. Bot. France. 74: 727-729. Ja.1928. no.7/8.

Bull. Soc. Centr. For. Belgique. (Bruxelles)
Biourge, P.
Cycle du Brunchorstia destruens, Eriks. Maladie des pousses du pin d'Autrich. Bull. Soc. Centr. For. Belgique. 35: 68-76. illus. F.1928. no.2.

Bull. Soc. Hist. Nat. Afr. Nord. (Algers)
Lièvre, H.
Les myxobactéries de l'Afrique du Nord. Bull. Soc. Hist.Nat. Afrique Nord. 18: 186-189. 1927 (Rec'd Mr.1928) no.8.

Calif. Citrogr. (Los Angeles)
Waynick, D.D.
Factors concerned in the growth of Valencia orange. Calif. Citrogr. 13: 200. Ap.1928. no.6.

Calif. Cult. (Los Angeles)
Johnstone, H.W.
Controlling grape mildew. Calif. Cult. 70: 322-323. Mr.17, 1928. no.11.

Canad. Hort. (Peterboro, Ont.)
Blossom blight of peaches. Canad. Hort. 51:92, 94. Mr.1928. no.3.
Loss of blossoms themselves unimportant compared with the "twig injury" and initiation of cankers which invariably follow blossom blight.

Circ. Estac. Exp. Agr. Lima.
Abbott, E.V. & Townsend, C.H.T.
La enfermedad del "mosaico" o "matizado" de la caña de azúcar. Circ. Estac. Exp. Agr. Lima. 5. 10 p. col.pl. Ja.1928.

Circ. Estac. Exp. Agron. Escuela Agr. y Vet. Medellin, Colombia,
Toro, R.A.
Las enfermedades y plagas de las plantas, sus causas y control. Circ. Estac. Exp. Agron. Escuela Agr. y Vet. Medellin, Colombia. 4: 34 p. illus. Ag.1927 (Rec'd Mr.1928)

Il Coltivatore (Cassone)
Passerini, N. & Galli, P.
Intorno all'azione del cloruro sodico contenuto nell'acqua di irrigazione su di alcune piante coltivate. Il Coltivatore. 75: 232-234. Mr.20, 1928. no.8.

Compt. Rend. Acad. Sci. Paris.

Mangenot, G.
Sur la localisation cytologique des peroxydases et des oxydases. Compt. Rend. Acad. Sci. Paris. 186: 710-712. Mr.12, 1928. no.11.

Martz, M.
Anomalies de l'androcées chez un hybride du genre Digitalis. Compt. Rend. Acad. Sci. Paris. 186: 642-643. Mr.5, 1928. no.10.

Sauvageau, C.
Sur le développement de deux Asperococcus Lamx. Compt.Rend. Acad. Sci. Paris. 186: 612-615. Mr.5, 1928. no.10.

Tsen-Cheng,
Sur les phénomènes de necrose dans la pomme de terre atteinte de la maladie de l'enroulement Compt. Rend. Acad. Sci. Paris. 186: 712-714. Mr.12,1928. no.11.

Compt. Rend. Assoc. Franç. Avanc. Sci.

Beauverie, J.
Action du parasite sur la resistance du chondriome-plastidomes, sa fragilisation et l'alteration de la structure cellulaire. Compt. Rend. Assoc. Franç. Avanc. Sci. 50(1926): 317-318. 1927. (Rec'd Mr.1928)
Résumé.

Blaringhem, L.
Espèces jordaniennes du lin à fibres sauvage (Linum angustifolium Hudson). Compt. Rend. Assoc. Franç. Avanc. Sci. 50(1926): 325-326. 1927. (Rec'd Mr.1928)

Braemer, L.
Les botanistes Lyonnais récemment disparus Compt. Rend. Assoc. Franç.Avanc. Sci. 50(1926): 387-388. 1927 (Rec'd Mr.1928)
Antoine Magnin, G. Beauvisage.

Brétin, & Manceau.
Lecithines et phytosterines. Compt. Rend. Assoc. Franç. Avanc. Sci. 50(1926); 394-396. 1927. (Rec'd Mr.1928)

Compt. Rend. Assoc. Franç. Avanc. Sci. (cont.)

Bugnon, P.
Aperçu sur l'origine et l'évolution du concept de phyllode. Compt. Rend. Assoc. Franç.Avanc. Sci. 50(1926): 369-372. 1927 (Rec'd Mr.1928)

Chemin, E.
Algues marines recueillies à Concarneau en septembre 1925. Compt. Rend. Assoc. Franç. Avanc. Sci. 50(1926*: 360-364. illus. (map) 1927 (Rec'd Mr.1928)

Dop, P. & Chalaud, G.
Concentration en ions hydrogène de quelques sols à hepatiques. Compt. Rend. Assoc. Franç. Avanc. Sci. 50(1926): 657-658. 1927 (Rec'd Mr. 1928)

Douin, C.
Le périanthe dans la classification des hépatiques. Compt. Rend. Assoc. Franc. Avanc. Sci. 50(1926): 380-382. illus. 1927 (Rec'd Mr.1928)

Dufrenoy, J.
Cytologie du Blepharospora cambivora. Compt. Rend. Assoc. Franç. Avanc. Sci. 50(1926): 324. 1927. (Rec'd Mr.1928)

Fosse, R.
Formation, par chauffage des sucs végetaux, de l'urée et d'un corps, donnant la même réaction colorée hydrazinique que le formol. Compt. Rend.Assoc. Franç.Avanc.Sci. 50(1926): 320-321. 1927 (Rec'd Mr.1928)

Fosse, R.
Un nouveau principe naturel des végétaux; l'acide allantoique. Compt.Rend. Assoc, Franç. Sci. 50(1926): 321-322. 1927 (Rec'd Mr.1928)

Fosse, R. & Hieulle, A.
Sur une réaction colorée, supposée spécifique de l'aldéhyde formique, produite par l'acide glyoxylique. Compt. Rend. Assoc. Franç. Avanc. Sci. 50(1926): 319-320. 1927 (Rec'd Mr.1928)

Compt. Rend. Assoc. Franç. Avanc. Sci. (cont.)

Friedel, J.
Quelques observations d'anatomie systématique sur les papaveracées. Compt. Rend. Assoc. Franc. Avanc.Sci. 50(1926): 351-352. illus. 1927 (Rec'd Mr.1928)

Grigoraki, L.
Le pleomorphisme de dermatophytes. Compt.Rend. Assoc. Franc. Avanc. Sci. 50(1926): 322-324. 1927. (Rec'd Mr.1928)

Guillaume, A.
Contribution à l'étude de la migration des alcaloides chez les plantes: application aux lupins. Compt. Rend. Assoc. Franç.Avanc. Sci. 50(1926): 391-394. 1927 (Rec'd Mr.1928)

Guilliermond, A.
Sur la reversibilité de formes du vacuome observée au cours de la plasmolyse. Compt. Rend. Assoc. Franç. Avanc. Sci. 50(1926*: 385-379. illus. 1927 (Rec'd Mr.1928)

Kühnholtz-Lordat, G.
Les successions végétales sur cailloutis à quartzites alpins en Provence. Compt. Rend. Assoc. Franc. Avanc.Sci. 50(1926): 651-652. 1927 (Rec'd Mr.1928)

Laurent, J.
Au sujet d'un cas de monophyllie chez Pinus pinaster. Compt. Rend. Assoc. Franç.Avanc. Sci. 50(1926): 357-359. 1927 (Rec'd Mr.1928)

Liou-Ho, & Roux, Cl.
Les anciens traités Chinois de botanique et notes préliminaires sur le "Pen-tsao-kan-mou" et le "Tsche-wou-ming-che-tou-kao". Compt. Rend. Assoc. Franç. Avanc. Sci. 50(1926): 354-356. 1927 (Rec'd Mr.1928)
Résumé.

Lippmaa, T.
Sur la fonction des pigments rouges dans les plantes (anthocyanines et hématocarotinoïdes) Compt. Rend. Assoc. Franç.Avanc. Sci. 50(1926): 348-351. 1927. (Rec'd Mr.1928)

Compt. Rend. Assoc. Franç. Avanc. Sci. (cont.)

Marcelin, P.
Les limons de la Garrique nimoise et leur rôle biogéographique. Compt. Rend. Assoc. Franç. Avan. Sci. 50(1926): 655-657. 1927 (Rec'd Mr.1928)

Miège, E.
Rapport entre la précocité des blés et les caractères biométroqies de l'épi. Compt. Rend. Assoc. Franç.Avanc. Sci. 50(1926): 682-688. 1927 (Rec'd Mr.1928)

Mirande, M.
Action microchimique des dissolutions salines sur la phytostérine positive des écailles bulbaires des lis. Compt. Rend. Assoc. Franc.Avanc. Sci. 50(1926): 346-348. 1927 (Rec'd Mr.1928)
Lilium candidum.

Monoyer, A.
Sur les stipules des Potamogeton. Compt.Rend. Assoc. Franç. Avanc. Sci. 50(1926): 327-329. illus. 1927(Rec'd Mr.1928)

Moreau, F., & Dusseau, Mlle.A.
L'hérédité de caractères fluctuants dans les lignées pédigrées de blé. Compt. Rend. Assoc. Franç.Avanc. Sci. 50(1926): 334-336. 1927 (Rec'd Mr.1928)

Nicolas, G.
Cultures pures de quelques hépathiques (sic) Compt. Rend. Assoc. Franç.Avanc. Sci. 50(1926): 340-342. 1927 (Rec'd Mr.1928)

Nobecourt, P;
Sur l'Armillaria mellea Vahl en cultures pures Compt. Rend. Assoc. Franç.Avanc. Sci. 50(1926): 365-369. 1927 (Rec'd Mr.1928)

Russell, W.
Variation de la date de floraison de quelques plantes vernales. Compt. Rend.Assoc. Franç. Avanc. Sci. 50(1926): 332-334. 1927(Rec'd Mr. 1928)

Sartory, A., Sartory, R. & Meyer, J.
Etude de la concentration optima en ions H des milieux dans la culture de quelques champignons inférieurs. Compt. Rend. Assoc. Franç. Avanc.Sci. 50(1926): 385. 1927 (Rec'd Mr.1928)

Compt. Rend.Assoc. Franç.Avanc. Sci. (cont.)

Sartory, A., Sartory, R. & Meyer, J.
Sur quelques modifications biologiques produites par l'action du radium sur l'Aspergillus fumigatus Fresenius. Compt. Rend. Assoc. Franç. Avanc. Sci. 50(1926): 384. 1927 (Rec'd Mr.1928)

Sartory, A., Sartory, R. & Meyer, J.
Les variations des appareils végétatifs et conidiens de l'Aspergillus fumigatus Fresenius en cultures sur milieux dissociés et non dissociés sous l' influence des radiations du radium. Compt.Rend. Assoc. Franç. Avanc. Sci. 50(1926): 383-384. 1927. (Rec'd Mr.1928)

Tronchet, A.
Sur l'extinction des convergents intercotylédonaires dans l'Echinops retro L. Compt. Rend. Assoc. Franç. Avanc. Sci. 50(1926): 385-386. 1927. (Rec'd Mr.1928)

Tsen-Cheng,
L'action perturbatrice de la centrifugation sur la structure cellulaire. Compt. Rend. Assoc. Franç. Avanc. Sci. 50(1926): 388-390. illus. 1927. (Rec'd Mr.1928)
Ficaria ranunculoïdes.

Vandendries, R.
L'hétérohomothallisme et le critérium de spécificité basé sur la fertilité de races étrangères, chez Coprinus micaceus (Bull.) Fr. Compt. Rend. Assoc. Franç.Avanc. Sci. 50(1926): 329-332. 1927. (Rec'd Mr.1928)

Vergelly,
Contribution à l'étude géobotanique de la région Bressane: étude phytosociologique des dombes et des environs de Bourg-en-Bresse. Compt. Rend. Assoc. Franç.Avanc. Sci. 50(1926): 658-664. 1927(Rec'd Mr.1928)

Compt. Rend. Congr. Nat. Contre Ennemis Cult. Lyon.

Arnaud, G.
Considerations générales sur la lutte contre les maladies cryptogamiques des arbres fruitiers. Compt. Rend. Congr. Nat. Contre Ennemis Cult. Lyon. 1926: 55-60. 1927 (Rec'd Mr.1928)

Compt.Rend. Congr. Nat. Contre Ennemis Cult. Lyon. (cont.)

Boischot, P.
La dés infection des sols, ses applications en culture maraîchère. État actuel de la question. Compt. Rend. Congr. Nat. Contre Ennemis Cult. Lyon. 1926: 248-262. 1927 (Rec'd Mr.1928)

Bordas,
Les anticryptogamiques colloidaux. Compt. Rend. Congr. Nat. Contre Ennemis Cult. Lyon. 1926: 301-308. 1928 (Rec'd Mr.1928)

Chabrolin, C. & Guyot, A.L.
Le Monilia des arbres fruitiers et les résultats obtenus dans les essais de lutte contre ce parasite. Compt. Rend. Congr. Nat. Contre Ennemis Cult. Lyon. 1926: 27-33. illus. 1927 (Rec'd Mr.1928)

Chabrolin, C.
La situation phytopathologique des cultures fruitières et légumières de la Tunisie. Compt. Rend. Congr. Nat. Contre Ennemis Cult. Lyon. 1926: 243-245. 1927(Rec'd Mr.1928)

Chrestian, J.
Les principales maladies cryptogamiques des cultures maraîchères de l'Algérie. Compt. Rend. Congr. Nat. Contre Ennemis Cult. Lyon. 1926: 231-238. 1927 (Rec'd Mr.1928)

Ducomet, V.
Les maladies de dégénérescence de la pomme de terre. Compt. Rend. Congr. Nat. Contre Ennemis Cult. Lyon. 1926: 67-82. illus. 1927(Rec'd Mr. 1928)

Dufrenoy, J.
Les maladies du cédratier. Compt. Rend. Congr. Nat. Contre Ennemis Cult. Lyon. 1926: 45-53. illus. 1927 (Rec'd Mr.1928)

Eberhardt, P.
Sur un traitement nouveau des maladies de la pomme de terre. Compt. Rend. Congr.Nat. Contre Ennemis Cult. Lyon. 1926: 369-371. 1927 (Rec'd Mr.1928)

Foex, E.
Comment le problème de la lutte contre le mildiou (Phytophthora infestans) de la pomme de terre se présent-t-il actuellement? Compt. Rend. Congr. Nat. Contre Ennemis Cult. Lyon. 1926: 83-106. illus. 1927 (Rec'd Mr.1928)

Compt. Rend. Congr. Nat. Contre Ennemis Cult. Lyon. (cont.)

Fron, G.
Le piétin des céréales. Compt. Rend.Congr. Nat. Contre Ennemis Cult. Lyon. 1926: 63-66. 1927 (Rec'd Mr.1928)

Gard, M.
Le pourridiè des arbres fruitiers. Compt. Rend. Congr. Nat. Contre Ennemis Cult. Lyon. 1926: 41-44. 1927 (Rec'd Mr.1928)

Guyot, A.L.
Le dépérissement des abricotiers dans la Vallée du Rhône. Compt. Rend. Congr. Nat. Contre Ennemis Cult. Lyon. 1926: 35-40. illus. 1927 (Rec'd Mr. 1928)

Guyot, A.L.
Le problème actuel des anticryptogamiques. Compt. Rend. Congr. Nat. Contre Ennemis Cult. Lyon. 1926: 311-316. 1927 (Rec'd Mr.1928)

Joëssel, P.H.
Le mildiou du cardère à foulon. Compt. Rend. Congr. Nat. Contre Ennemis Cult. Lyon. 1926: 163-167. 1927 (Rec'd Mr.1928)
Peronospora dipsaci.

Marsais, P.
L'esca de la vigne. Compt. Rend. Congr. Nat. Contre Ennemis Cult. Lyon. 1926: 175-179. illus. 1927 (Rec'd Mr.1928)

Marsais, P.
La sclériase des raisins de Roumanie. Compt. Rend. Congr. Nat. Contre Ennemis Cult. Lyon. 1926; 181-182. 1927 (Rec'd Mr.1928)

Ravaz, L.
Le mildiou de la vigne, caractères, dégâts, allure, moyens de la combattre. Compt. Rend. Congr. Nat. Contre Ennemis Cult. Lyon. 1926: 183-190. 1927 (Rec'd Mr.1928)

Riols, P.
Le mildiou duveteux du houblon. Compt. Rend. Congr. Nat. Contre Ennemis Cult. Lyon. 1926: 169-174. 1927 (Rec'd Mr.1928)

Rives, L.
Le court-noué. Compt. Rend. Congr. Nat. Contre Ennemis Cult. Lyon. 1926: 197-203. 1927 (Rec'd Mr.1928)

Compt. Rend. Congr. Nat. Contre Ennemis Cult. Lyon. (cont.)

Soursac, L.

La maladie de la pourriture du collet de la laitue. Compt. Rend. Congr. Nat, Contre Ennemis Cult. Lyon. 1926: 145-154. 1927 (Rec'd Mr.1928)

Sclerotinia libertiana.

Verge, G.

La chlorose de la vigne et des arbres fruitiers. Compt. Rend. Congr. Nat. Contre Ennemis Cult. Lyon. 1926: 191-196. 1927 (Rec'd Mr.1928)

Comp. Rend. Soc. Biol. Paris.

Joyet-Lavergne, Ph.

Sur les rapports entre le nucléole, le chondriome et le glutathion. Compt. Rend. Sco. Biol. Paris. 98: 567-569. Mr.2, 1928. no.8.

Experiments on Saprolegnia.

Métalnikov, S. & Toumanoff, K.

Recherches expérimentales sur l'infection de Pyrausta nubilalis par des champignons entomophytes. Compt. Rend. Soc. Biol. Paris. 98: 583-584. Mr.2, 1928. no.8.

Plantefol, L.

Une forme anormale de Gentiana punctata L. Compt. Rend. Soc. Biol. Paris. 98: 559-562. illus. Mr.2, 1928. no.8.

Dansk Skovforen Tidsskr. (København)

Holm, F.

Landevejstraeers behandling. Dansk Skovforen. Tidsskr. 1928: 1-12. illus. no.1/2.

Tree surgery.

Larsen, C.S.

Sjaeldne naaletraeer i Danske haver. En forstbotanisk undersøgelse. Udarbejdet for dansk skovforenings studieudvalg. Dansk Skovforen. Tidsskr. 1928: 13-51. no.1/2.

Facts about Sugar (N.Y.)

Lee, H.A. & Weller, D.M.

The progress of sugar cane roots in the soil. Facts about Sugar. 23: 256. Mr.17, 1928. no.11.

A report of experimental investigations on root development at different ages of the plant.

Floralia. (Assen, Netherlands)

Costerus, J.C.
Een opvallende fasciatie aan chrysant.
Floralia. 49: 154. illus. Mr.9,1928. no.10.

Schenk, P.J.
Bladvlekkenziekte van de selderie. Floralia. 49: 154-155. Mr.9, 1928. no.10.

Schenk, P.J.
Verdere proeven met carbolineum in Engeland. Floralia. 49: 171. Mr.16, 1928. no.11.

Forest Club Quart, Univ. Washington.

Bedwell, J.L.
The control of white pine blister rust in the west. Forest Club Quart. Univ. Washington. 6(2/4): 13-20. illus. F.1928.

Gard. & Home Builder. (Garden City, N.Y.)

Gersdorf, C.E.F.
Gladiolus aristocrats for everyman's garden. Gard. & Home Builder. 47: 153, 206. illus. Ap. 1928. no.2.

Gard. Chron. (London)

Darnell, A.W.
The genus Primula. Gard. Chron. III, 83: 176-177. Mr.10,1928. no.2150.

Friend, H.
Ideal gardens and plant lore (cont.) The paradise of Indra. Gard.Chron. III, 83: 174-176. Mr.10, 1928. no.2150.

Puddle, F.C.
Some dwarf rhododendrons. Gard. Chron. III, 83: 172-173. Mr.10,1928. no.2150.

Rayner, M.C.
The rôle of mycorrhiza in plant growth. Gard. Chron. III,83: 174. Mr.10,1928. no.2150.

Todd, E.E.
A revision of Violas (cont.). Gard. Chron. III, 83: 172. Mr.10, 1928. no.2150.

Gard. Illus. (London)

Baker, G.P.

Plant hunting in Crete. Gard. Illus. 50: 148-149. illus. Mr.10, 1928. no.2557.

Abstract of lecture.

Gartenschonheit, (Berlin)

Berger, A.

Gärten der Riviera. Gartenschönheit. 9: 41-45. illus. F.1928.no.2.

Kayser, K.

Kunstformen der astrophyten. Gartenschönheit. 9: 52-53. illus. F.1928. no.2.

Kupper, W.

Zimmerkultur der kakteen. Gartenschönheit. 9: 45-47. illus. F.1928. no.2.

Gartenw. (Berlin)

Berger, A.

Eine neue interessante Aristolochia. Gartenw. 32:130-131. illus. Mr.9, 1928. no.10.

Aristolochia lindneri.

Pape, H.

Eine begleiterscheinung bei der kräuselkrankheit der pelargonien. Gartenw. 32: 116. illus. Mr.2, 1928. no.9.

Ziegener, P.B.

Die ursachen des ulmensterbens. Gartenw. 32:133. Mr.9,1928. no. 10.

Grande Rev. Agr. (Paris)

Foex, E.

Essais de lutte contre la maladie par les pulvérisations à l'acide sulfurique. Grande Rev. Agr. 1928: 408-410. F.1928. no.4.

(Essais en Seine-et-Oise 1927)

Against take all of wheat.

Hoppe-Seyl. Zeitschr. Phys. Chem.(Berlin)

Abderhalden, E. & Möller, P.

Fortgesetzte studien über das verhalten von polypeptiden und von derivaten von solchen gegenüber verdünntem alkali und verdünnter säure. VI. Versuche mit in der aminogruppe substituierten polypeptiden. Hoppe-Seyl.Zeitschr. Phys. Chem. 174: 196-213. Mr.1928. no.3/4.

Hort. Illus. (Boston)
Saunders, A.P.
New strain of hybrid peonies. Hort.Illus. 6: 130. Mr.15,1928. no.6.

House & Gard. (Greenwich, Conn.)
Durand, H.
Growing Alpines in the rock garden. House & Gard. 53(4): 102-103, 174, 178, 180, 212. illus. Ap.1928.
Cultural hints for some of the flower gems collected by House & Garden's expedition to the Colorado Rockies.

Illinois Farmer.
Colby, A.S.
Anthracnose of our black raspberries. Illinois Farmer. 76(6): 7, 19. illus. Mr.15, 1928.

Indian For. (Dehra Dun)
Parker, R.N.
Two new bamboos from Burma. Indian For. 54: 97-99. pl.9-10. F.1928. no.2.
Neohouzeaua stricta, Gigantochloa compressa, sp.nova.

Indische Mercuur (Amsterdam)
Spoon, Ir.W. & Royen, Dra.M.van.
Verdere opmerkingen over exploitatie van Euphorbia's in Zuid-Afrika; onderzoek van hars en caoutchouc. Indische Mercuur. 51: 195-197. Mr.14, 1928. no.11.

Ital. Agr. (Milan)
Azzi, G.
Le variazioni di massa nel frumento come indici di adattabilità al mezzo ambiente. Ital. Agr. 65: 2-7. Ja.1928. no.1.

Izv.Severo-Kavkaz. Kraev. Stan. Zashch. Rast. (Bull. North Caucas. Plant. Prot. Stat.)
Andreev, N.I.
... Versuchsergebnisse mit einigen fungiciden im kampfe mit steinbrand des weizens. Izv. Severo-Kavkaz. Kraev. Stan. Zashch. Rast. (Bull. North Caucas. Plant Prot. Stat.) 3: 93-132. 1927 (Rec'd F.1928)
Russian with German summary.

Izv. Sever-Kavkaz. Kraev.Stan. Zashch. Rast. (Bull. North Caucas. Plant Prot. Stat.) (cont.)

Kushke, Iu.E. & Obermeister, N.O.
... Beizversuche an weizen gegen steinbrand mit verschiedenen fungiciden angepasst dem verhältnissen des Kuban. Izv. Severo-Kavkaz. Kraev. Stan. Zashch. Rast. (Bull. North Caucas. Plant. Prot. Stat.) 3: 204-208. 1927 (Rec'd F.1928)
Russian with German summary.

Jahresb. Preuss. Landw. Versuchs- u. Forsch. Landsberg.

Schander, R.
Bericht über die tätigkeit des Instituts für pflanzenkrankheiten und der haupt-stelle für pflanzenschutz für die Provinzen Grenzmark und Brandenburg östlich der Oder. Jahresb. Preuss. Landw. Versuchs- u. Forsch. Landsberg. 1926/27. p.55-91. 1927.

Journ. Agr. Res.

Leding, A.R.
Determination of length of time during which the flowers of the date palm remain receptive to fertilization. Journ. Agr. Res. 36: 129-134. illus. Ja.15, 1928 (Rec'd Mr.20) no.2.

Nixon, R.W.
The direct effect of pollen on the fruit of the date palm. Journ. Agr.Res. 36: 97-128. illus. Ja.15, 1928 (Rec'd Mr.20) no.2.

Journ. Amer. Pharm. Assoc.(Easton, Pa.)

Miller, M.R.
The hemolytic activity of Atriplex canescens. Journ. Amer. Pharm. Assoc. 17: 238-241. Mr.1928. no.3.

Journ. Amer. Soc. Agron. (Geneva, N.Y.)

Buie, T.S.
The fruiting habits of the cotton plant. Journ. Amer. Soc. Agron. 20: 193-201. Mr.1928. no.3.

Journ. Bot.Soc. So.Afr. (Cape Town)

Bolus, L.
Mesembrianthemum and allied genera. Journ. Bot. Soc. So.Africa. v.13, 2 p. col.pl.ii-iii. 1927 (Rec'd Mr.1928)

Bolus, L.
Notes on Mesembrianthemum and allied genera. Journ. Bot. Soc.So.Africa. 13: 8-12. pl.iv-v. 1927 (Rec'd Mr.1928)

Journ. Bot. Soc. So.Afr. (cont.)

Mathews, J.W.

South African succulents. Journ. Bot. Soc. So.Africa. 13: 13-116. 1927 (Rec'd Mr.1928)

Journ. Coll. Agr. Imp. Univ. Tokyo.

Imai, Y.

The vegetative and seminal variations observed in the Japanese morning glory, with special reference to its evolution under cultivation. Journ. Coll. Agr. Imp. Univ. Tokyo. 9: 223-274. illus., pl.ix-xii. D.1927. no.4.

Miyake, K. & Imai, Y.

Genetic studies on Papaver somniferum. Journ. Coll. Agr. Imp. Univ. Tokyo. 9: 275-332. illus., col.pl. xiii-xv. D.1927. no.4.

Journ. Gen. Physiol. (Baltimore, Md.)

Castle, E.S.

Temperature characteristics for the growth of the sporangiophores of Phycomyces. Journ. Gen. Physiol. 11: 407-413. Mr.1928. no.4.

Osterhout, W.J.V. & Harris, E.S.

Protoplasmic asymmetry in Nitella as shown by bioelectric measurements. Journ. Gen. Physiol. 11: 391-406. Mr.1928. no.4.

Journ. Hered. (Washington.)

Akemine, M.

Variation in spinach seeds. Leptokurtic curve indicates that two-spined character is little affected by environment. Journ. Hered. 19: 17-21. illus. Ja. 1928. no. 1.

Condit, I.J.

Other fig chimeras. Journ. Hered. 19: 49-53. illus. F.1928. no.2.

Kuleshov, N.N.

At the sources of plant breeding. Journ.Hered. 19: 3-9. illus. Ja.1928. no.1.

The plant breeders of Karabakh in the Republic of Azerbaijan making part of U.S.S.R. They have been carrying on a systematic and strict selection of durum wheat for generations.

Leighty, C.E. & Sando, W.J.

Natural and artificial hybrids of a Chinese wheat and rye. Journ. Hered. 19: 23-27. illus. Ja.1928. no.1

Journ. Hered. (cont.)

Macaulay, T.B.
The improvement of corn by selection and plot-inbreeding. Journ. Hered. 19: 57-72. illus. F.1928. no.2.

Schull, J.M.
Mutations of zinnia and aster. Journ.Hered. 19: 83-84. illus. F.1928. no.2.

Weldon, G.P.
Two apricot mutations. Journ. Hered. 19: 15-16. illus. Ja.1928. no.1.

Journ. Inst. Brew. (London)

Bishop, L.R.
First report on barley proteins. The composition and quantitative estimation of barley proteins. Journ. Inst. Brewing. 34(n.s., 25): 101-118. Mr. 1928. no.3.

Journ. Manchester Geogr. Soc.

Senn, G.
The upper limit of forests in Java. Journ. Manchester Geogr. Soc. 41/42: 1-10. plates. N. 1927.

Journ. Min. Agr. Gt. Brit. (London)

Salmon, E.S. & Ware, W.M.
The downy mildew of the hop in 1927. Journ. Min. Agr. Gt. Brit. 34: 1093-1099. Mr.1928. no.12.

Journ. N.Y.Bot. Gard.

Fulling, E.H.
The Imperial gardens at Schönbrunn. Journ. N.Y. Bot. Gard. 29: 61-70. illus. Mr.1928. no.339.

Wister, J.C.
Daffodils. Journ. N.Y. Bot. Gard. 29: 49-61. illus. Mr.1928. no.339.

Journ. Tokyo Nogyo Daigaku (Tokyo Agr. Coll.)

Takada, K.
Studies in the stripe leaf disease of barley. Journ. Tokyo Nogyo Daigaku (Tokyo Agr. Coll.) 2: 1-87. O.1927 (Rec'd Mr.1928)

Journ. Washington Acad. Sci.

Berry, E.W.
A petrified walnut from the miocene of Nevada. Journ. Washington Acad. Sci. 18: 158-160. illus. Mr.19,1928. no.6.
Juglans nevadensis, n.sp.

Journ. Washington Acad. Sci. (cont.)

Pittier, H.
Studies of Venezuelan Bignoniaceae II. Species of Amphilophium. Journ. Washington Acad.Sci. 18: 170-172. Mr.19,1928. no.6.

Standley, P.C.
New plants from Central America XI. Journ. Washington Acad. Sci. 18: 160-169. Mr.19,1928. no.6.

Wherry, E.T.
The history of the Franklin tree, Franklinia alatamaha. Journ. Washington Acad. Sci. 18: 172-176. Mr.19,1928. no.6.

Kosmos (Lwów, Poland)

Drezepolski, R.
Kilka spostrzeźeń nad Euglena acus Ehrenberga (Quelques observations sur l'Euglena acus Ehrenberg) Kosmos (Lwów, Poland) 52: 417-432. pl. 1927. no.1/2. (Rec'd Mr.1928)
French résumé p.430-432.

Maleszewski, S.
Przyczynek do znajomości dioeji (Beitrag zur kenntniss der diözie). Kosmos (Lwów, Poland) 52: 448-451. 1927 (Rec'd Mr.1928) no.1/2.
German summary.
Antennaria dioica & Juniperus communis.

Vorbrodt, W.
O przeróbce azotu w grzybni kropidlaka (Aspergillus niger) (Sur l'élaboration de l'azote dans le mycélium de l'aspergille (Aspergillus niger). Kosmos (Lwów, Poland) 52: 433-447. 1927 (Rec'd Mr.1928)
French résumé.

Kranke Pflanze (Dresden)

Esmarch, F.
Pilzliche samenverderber (cont.) Kranke Pflanze. 5: 24-27. F. 1927. no.2.

Kühn-Arch. (Berlin)

Dönhoff, G.
Untersuchungen über die grösse und die bedeutung der bodenatmung auf landwirtschaftlichekultivierten flächen. Kühn-Arch. 15: 457-511. illus. 1927 (Rec'd Mr.1928)

Kühn-Arch. (cont.)

Moldenhauer, J.
Untersuchungen über die empfänglichkeit der wild- und kulturhaferformen für Ustilago avenae mit besonderer berücksichtigung des infektionsvorganges. Kühn-Arch. 15: 349-409. 4 fold. pl. 1927 (Rec'd Mr.1928)

Piekenbrock, P.
Untersuchungen über das verhalten des Ustilago tritici an sorten und kreuzungen. Kühn-Arch. 15: 411-456. iii tab. 1927 (Rec'd Mr.1928)

Rademacher, B.
Zweijährige variationsstatische untersuchungen an einer population und dreissig linien von hafer. Kühn-Arch. 15: 287-347. 1927 (Rec'd Mr.1928)

K. Landtbr. Akad. Handl. o Tidskr. (Stockholm)

Lagerberg, T.
Barrvedens lagringsrötor. K. Landtbr.-Akad. Handl. o. Tidskr. 67: 66-78. illus. 1928. no.1.
Wood destroying fungi.

Malayan Agr. Journ. (Kuala Lumpur)

South, F.W.
Ustulina zonata, (Lev.) Sacc.- A warning note. Malayan Agr. Journ. 15: 446-447. D.1927. no.12.

Meded. Rijks. Herb. Leiden.

Suringar, J.V.
Personal ideas about the application of the international rules of nomenclature, or, as with the rules themselves, international deliberation? I- Meded. Rijks. Herb. Leiden. 55. 76 p 2 pl. 1928.
I. Some denominations of conifer-species.

Möllers Deut. Gärtn.-Zeit.

Maass, C.A.
Heurnien. Heurnia insigniflora C. A. Maass spez. nov. Möllers Deut. Gärtn.-Zeit. 43: 79-80. illus. Mr.1,1928. no.7.

Schwantes, G.
Glottiphyllum nelii, Schwantes spec.nov. Möllers Deut. Gärtn.-Zeit. 43: 92. Mr.11, 1928. no.8.

Möllers Deut. Gärtn.-Zeit. (cont.)
Schwantes, G.
Nelia, Schwantes, gen.nov. Möllers Deut. Gärtn. -Zeit. 43: 92. Mr.11, 1928. no.8.

Nachrichtenbl. Deut. Pflanzenschutzd. (Berlin)
Müller, K. O.
Ueber den "echten mehltau" der kartoffel. Nachrichtenbl. Deut. Pflanzenschutzd. 8: 19-20. Mr.1928. no.3.
Erysiphe cichoracearum.

Zattler, F.
Die erfolge der Peronosporabekämpfung in den bayerischen hopfenbau-gebieten im jahre 1927. Nachrichtenbl.Deut. Pflanzenschutzd. 8: 20-22. Mr.1928. no.3.

Nature (London)
James, T.E.
Marcello Malpighi (1628-1694). Nature. 121: 358-359. Mr.10, 1928. no.3045.

Phillips, J.
Rainfall interception by plants. Nature. 121: 354-355. Mr.10, 1928. no.3045.

Nature Mag. (Wash., D.C.)
Hansen, A.A.
Enjoy the luxury of a weedless lawn. Some excellent advice on defeating the lawn pests. Nature Mag. 11: 246-250. illus. Ap. 1928. no.4.

Marsh, E.L.
Soil testing for wild flower gardens. Nature Mag. 11: 225-227. illus. Ap.1928. no.4.

Robinson, M.F.
Tree flowers - their story. How to know the hard wood trees by their flowers. Nature Mag. 11: 230-234. illus. Ap.1928. no.4.

Naturwissensch. u. Landwirtsch.
Boas, F.
Die pflanze als kolloides system. Naturwissensch. u. Landwirtsch. 14. 141 p. illus. 1928.

Naturwissenschaften. (Berlin)
Wangerin, W.
Zur frage der fernmigration. Naturwissenschaften. 16: 147-149. Mr.2, 1928. no. 9.

New Jersey State Hort. Soc. News. (New Brunswick, N.J.)
McLean, H.C.
Some results of the special spray residue studies. New Jersey State Hort. Soc. News. 9: 226-228. F.1928. no. 1.

New Zeal. Journ. Agr. (Wellington)
Dixon, C.E.
Prevention of sap-stain in white-pine. Tests by State forest service. New Zeal. Journ. Agr. 36: 118-124. illus. F.1928. no.2.

Rice, W.H.
Control of tomato mildew. Trials in Auckland district, season 1927-28. New Zeal. Journ. Agr. 36: 99-102. F.1928. no.2.

Waters, R.
Flesh-collapse in Sturmer apples. Cool-storage experiments, 1927. New Zeal. Journ. Agr. 36: 88-91. illus. F.1928. no.2.

Yeates, J.S.
Improvement of Phormium tenax. Research on breeding and cultivation of the plant. New Zeal. Journ. Agr. 36: 112-115. F.1928. no.2.

Oesterr. Bot. Zeitschr. (Wien)
Cammerloher, H.
Javanische studien II. Kurze skizzen über blumenbesuch durch vögel. Oesterr.Bot. Zeitschr. 77: 46-61. illus. Mr.1928. no.1.

Klein, G. & Bartosch, H.
Der mikrochemische nachweis der alkaloide in der pflanze. V. Der nachweis von Berberin. Oesterr. Bot. Zeitschr. 77: 1-13. Mr.1928. no.1.

Klein, G. & Schilhab, A.
Der mikrochemische nachweis der alkaloide in der pflanze VI. Der nachweis von hydrastin. Oesterr. Bot. Zeitschr. 77: 14-22. Mr.1928. no.1.

Poplawska, H.
Die buche in der Krim und ihre variabilität. Oesterr. Bot. Zeitschr. 77: 23-42. Mr.1928. no.1.
Fagus silvatica, F. orientalis.

Schussnig, B.
Die reduktionsteilung bei Cladophora glomerata. Oesterr. Bot. Zeitschr. 77: 62-67. Mr.1928. no.1.

Oesterr.Bot. Zeitschr. (cont.)

Werner, O.
Farbstoffbildung im blatt bei supramaximaler temperatur (Vorläufige mitteilung). Oesterr. Bot. Zeitschr. 77: 43-45. Mr.1928. no.1.

Orchid Rev. (Richmond, England)

Arnold, R.E.
Neottia nidus-avis. Orchid Rev. 36: 88-89. Mr.1928. no.417.

Ballion, G.
The difficulty of germinating orchid seed. Orchid Rev. 36: 84-88. Mr.1928. no.417.

Cooper, E.
Pseudo-bulbless, thick-leaved Oncidiums. Orchid Rev. 36: 73-76. illus. Mr.1928. no.417.

Smith, J.J.
Teratological annotations. Orchid Rev. 36: 68-73. illus. Mr.1928. no.417.

Pflanzenbau. (Berlin)

Mitscherlich, E.A. & Behrens, W.U.
Ein beitrag zum wirkungsgesetz der wachstumsfaktoren. Pflanzenbau. 4: 257-259. Mr.1, 1928. no. 17.

Schmidt, E.
Schädigungen der kartoffel durch pilze der gattung Fusarium Lk. Pflanzenbau. 4: 265-266. Mr.1, 1928. no.17.

Senf, U.
Keimprüfung für kartoffelzucht. Pflanzenbau. 4: 263-264. illus. Mr.1, 1928. no.17.

Pharm. Journ. (London)

Bryant, E.G.
Recent work on the glucosides. Pharm. Journ. 120: 213. Mr.10, 1928. no.3358.

Philipp. Agr. (Los Banos)

Morales, E.M.
A study of (P.B. 119 X C.A.C. 87) F_1 hybrid and other sugar cane seedlings and their parents. Philipp. Agr. 16: 543-556. illus. F.1928. no.9.

Philipp. Agr. Rev. (Manila)

Descriptive list with cultural directions of gabi, Colocasia esculenta, varieties grown at the Lamao experiment station, Lamao, Bataan. Philipp Agr. Rev. 20: 469-472. 1927. no.4.

Phytopath. (Lancaster, Pa.)

Bryan, M.K.

Verticillium wilt of heliotrope. Phytopath. 18: 246. F.1928. no.2.

Church, M.B. & Scandiffio, M.

Phytophthora, Pythium, and Pythiacystis species as stock cultures. Phytopath. 18: 247-248. F. 1928. no.2.

Dosdall, L.

A mosaic disease of gladiolus. Phytopath. 18: 215-217. pl. ii-iii. F.1928. no.2.

Johann, H.

Penicillium injury to corn seedlings. Phytopath. 18: 239-242. F.1928. no.2.

Johnson, J.

Constant temperature and humidity chambers. Phytopath. 18: 227-238. illus. F.1928. no.2.

Sherbakoff, C.D.

Washingtonia palm leaf spot due to Cylindrocladium macrosporum n.sp. Phytopath. 18: 219-225. illus. F.1928. no.2.

Thomas, H.E.

Killing of strawberry roots. Phytopath. 18: 245-246. F.1928. no.2.

Concludes that root-killing of strawberries in New York State may result from a number of causes, frequently in combination, and that fungi in most cases play a minor rôle.

Waters, C.W.

The control of teliospore and urediniospore formation by experimental methods. Phytopath. 18: 157-213. illus. F.1928. no.2.

Whetzel, H.H.

The crown elongation disease of the peony. Phytpath. 18: 243-244. illus. F.1928. no.2.

Pineapple News (Honolulu)

Godfrey, G.H.
Root-knot an isolated "center of infection". Pineapple News 2: 8-9. Ja.1928. no.1.

Sideris, C.P.
Soil fungi and bacteria. Pineapple News. 1: 145-147. N. 1927. no.9.

Sideris, C.P. & Krauss, B.H.
Water requirements of pineapple plants. Pineapple News. 2: 17-21. illus. F.1928. no. 2.

Waldron, G.C.
Relation of pH of pineapple fruit and susceptibility to disease. Pineapple News. 2: 6-7. Ja.1928. no.1.

Prakt. Ratg. Obst.-u. Gartenb. (Frankfurt a.d.O.)

Poenicke, W.
Eine xenienbildung bei aepfeln? Prakt. Ratg. Obst. u. Gartenb. 43: 87-87. illus. Mr.11, 1928. no.10.

Proc. Biol. Soc. Wash.

Beattie, R.K.
Charles Vancouver Piper and the flora of the Pacific northwest. Proc. Biol. Soc. Washington. 41: 61-66. Mr.16, 1928.

Dayton, W.A.
What is Agoseris apiculata Greene? Proc. Biol. Soc. Washington. 41: 17-19. pl. i-ii. Mr.16, 1928.
Thinks that it should be merged with Agoseris scorzoneraefolia.

Proc. Roy. Soc. Ser.B. (London)

Gregory, F.G. & Horne, A.S.
A quantitative study of the course of fungal invasion of the apple fruit and its bearing on the nature of disease resistance I-II. Proc. Roy. Soc. Ser. B. 102: 427-443, 444-466. Mr.1928. no.719.
I. A statistical method of studying fungal invasion. II. The application of the statistical method to certain specific problems.

Progr. Agr. & Vitic. (Montpellier)

Bourdiol,
La fin d'une énigme végétale. Progr. Agr. et Vitic. 89: 265-267. Mr.11, 1928. no.11.
Court-noué.

V.10, no.7, p.33.

Publ. Manchuria Res. Soc. Ser.A, Nat.Hist.Sect.
Skvortzov, B.V.
... The soy bean, wild and cultivated in eastern Asia. Publ. Manchuria Res. Soc. Ser.A, Nat.Hist. Sect. no.22. 13, 8 p. illus., 17 pl. (1 col.) 1927.
Russian with English summary.

Rev. Centro Estud. Agron. y Vet. Univ. Buenos Aires.
Horovitz, S.
Estudio de cromosomas durante la formación del polen. Rev. Centro Estud. Agron. y Vet. Univ. Buenos Aires. 19: 472-485. pl.i-ii. S./O. 1926. (Rec'd Mr.1928) no. 129.
Vicia faba.

Rev. Gén. Hort. Cult. Fruit. (Paris)
Ducomet, V.
Les maladies de dégénérescence de la pomme de terre. Rev. Gén. Hort.Cult. Fruit. 6: 946-948. F.1928. no.58.

Rev. Hort. Organ Soc. Hort. Romania (Bucurest)
Georgescu, M.M.
Endivia (Cicorium intybus L.) Cicoarea de Bruxelles, Witloof. Rev. Hort. Organ. Soc. Hort. România. 6: 33-35. illus. Mr.1, 1928. no.61.

Rhodora. (Boston)
Eaton, R.J.
Exceptional dimensions in Corydalis sempervirens. Rhodora. 30: 36. F.1928. no.350.

Fassett, N.C.
Notes from the herbarium of the University of Wisconsin II. Bidens connata and its varieties in Wisconsin. Rhodora. 30: 31-35. pl.160. F.1928. no.350.

Fernald, M.L.
The American and eastern Asiatic Beckmannia. Rhodora. 30: 24-27. F.1928. no.350.

Fernald, M.L.
The eastern American variety of Polystichum braunii. Rhodora. 30: 28-30. pl.159. F. 1928. no.350.

Fernald, M.L.
Geocaulon, a new genus of the Santalaceae. Rhodora. 30: 21-24. F.1928. no.350.

Rhodora. (cont.)

Kidder, N.T.
Two weeds new to Milton, Massachusetts.
Rhodora. 30: 36. F.1928. no.350.
Polemonium micranthum, Madia sativa.

Smith, L.B.
Utricularia subulata in Plymouth, Massachusetts.
Rhodora. 30: 35. F.1928. no.350.

Roczn. Nauk Rolnicz. i Leśn. (Polish Agr. & For. Ann.) (Poznán)

Józefowiczówna, M.
Studja nad fasola karłowa (Phaseolus vulgaris) (Studies on dwarf kidney beans). Roczn. Nauk Rolnicz. i. Leśn. (Polish Agr. & For. Ann.) 19: 13-24. Ja./F.1928. no.1.
Polish with English summary.

Kotowski, F.
Kwitniemie i owocowanie kapusty głowiastej (The flowering habit of the cabbage). Roczn. Nauk Rolnicz. i. Leśn. (Polish Agr. & For. Ann.) 19: 24-40. Ja./F.1928. no.1.
Polish with English summary.

Ruszkowski, J.
Próby zwalczania niektórych chorób i szkodników drzew i krzewów owocowych i ozdobnych przeprowadzone w roku 1927(Bekämpfungs mancher krankheiten und schädlinge der obstbäume, der obst- und ziersträucher im jahre 1927) Roczn. Nauk Rolnicz i. Leśn. (Polish Agr. & For. Ann.) 19: 89-112. Ja./F.1928. no.1.
Polish with German summary.

Schweiz. Zeitschr. Forstw. (Bern)

Burger, H.
Einfluss der periodizität der wachstumserscheinung auf klimatische, pflanzliche und tierische schädigungen der holzarten. Schweiz. Zeitschr. Forstw. 79: 85-88. Mr.1928. no.3.

Science (Lancaster,Pa.)

Diseases of the California fig crop. Science. 67(Suppl.): x,xii. Mr.23, 1928.
The Blastophaga wasp which was introduced to fertilize the fig is also found capable of carrying the germs of the Internal rot disease.

Science. (cont.)

Faull, J.H.
Living cells in heart-wood of trees.
Science. 67: 296-297. Mr.16, 1928. no.1733.

Johnston, E.S. & Dore, W.H.
The relation of boron to the growth of the tomato plant Science. 67: 324-325. Mr.23, 1928. no.1734.

Sievers, F.J.
Malnutrition in plants. Science. 67: 286-288. Mr.16, 1928. no.1733.

Swingle, C.F.
Vegetative propagation of the apple by seed.
Science. 67: 296. Mr.16,1928. no.1733.
Experiments carried on at the Schweizerische versuchsanstalt für obst- wein- und gartenbau (Wädenswil), by F. Kobel.

Scient. Month. (Lancaster, Pa.)

Kirkwood, J.E.
Botanical explorations in the Rocky Mountains - The Lolo trail. Scient. Month. 26: 315-328. illus. Ap.1928. no.4.

Lipman, C.B.
The chemical elements indispensable to plants.
Scient. Month. 26: 289-294. Ap.1928. no.4.

Sci. Rep. Agr. Res. Inst. Pusa.

McRae, W.
Report of the imperial mycologist. Sci. Rep. Agr. Res.Inst. Pusa. 1926/27: 45-55. 1928.

Seed World (Chicago)

Jones, H.A.
Plant breeding work at California. Seed World. 23(6): 7-9. illus. Mr.23, 1928.
New varieties in wheat, barley, bean, cantaloupe, spinach, tomatoes & sugar beet.

Sugar Bull. (New Orleans)

Edgerton, C.W. & Flor, H.
Effect of soil type on germination of cane varieties.
Sugar Bull. 6(12): 7-8. Mr.15,1928.

Trab. Mus. Nac. Cienc. Nat. Madrid Ser. Bot.
González Guerrero, P.
Contribución al estudio de las algas y esquizofitas de Espana. Trab. Mus. Nac. Cienc. Nat. Ser.Bot. 22. 52 p. 1927(Rec'd Mr.1928)

González Fragoso, R.
Enumeración y distribusión geográfica de los esferopsidales conocidos de la Península Ibérica (Fams. nectroidáceos, leptostromáceos, exicpuláceos y melanconiáceos). Trab. Mus. Nac. Cienc. Nat. Ser.Bot. 23. 59 p. 1927 (Rec'd Mr.1928)

Trab. Mus. Com. Venezuela.(Caracas)
Pittier, H.F.
Contribuciones a la dendrologia de Venzuela I. Arboles y arbustos del orden de las leguminosas. 1. Mimosaceas. Trab. Mus. Com. Venezuela. no.2. p.31-112 D. 1927.
Extracto del Boletin del Min. de R.R.E.E. no.10/12, O./D.1927.

Trans. Peninsula Hort. Soc. (Dover,Dela.)
Adams, J.F.
Sulphur sprays in relation to control of fruit spot. Trans. Peninsula Hort. Soc. 41: 23-26. illus. 1928.

Lagassé, F.S.
Pollination studies concerning the Hale peach and the Scarlet pippin apple. Trans. Peninsula Hort. Soc. 41: 60-68. 1928.

Trop. Agr. (Ceylon) (Peradeniya)
Mitchell, J.
Notes on brown bast and its treatment. Trop. Agr. Ceylon. 70: 3-4. Ja.1928. no.1.

Trudy Sungar. Rechn. Biol. Stan. (Proc. Sungaree River Biol. Stat.)
Skvortzov, B.V.
... Studies on the occurrence and reproduction of Zygnemaceae in the environs of Harbin, North Manchuria. Trudy Sungar. Rechn. Biol. Stan. (Proc. Sungaree River Biol. Stat.) v.1, no.4, 22 p. viii pl. 1927.
Russian with English summary (2 extra pages)

U.S. Dept. Agr. Leafl.

Galloway, B.T.
Bamboos and bamboo culture. U.S. Dept. Agr. Leafl. 18. 8 p. illus. F.1928.

U.S. Dept. Agr. Misc. Publ.

Harter, L.L. & Meier, F.C.
Save the beans. U.S. Dept. Agr. Misc. Publ. 16. 4 p. F.1928.
Common bean diseases: p.4.

Shapovalov, M.
Yellows, a serious disease of tomatoes. U.S. Dept. Agr. Misc. Publ. 13. 4 p. F.1928 (Rec'd Mr.26)

U.S. Dept. Agr. Techn. Bull.

Monteith, J.jr.
Clover anthracnose caused by Colletotrichum trifolii. U.S. Dept. Agr. Techn. Bull.28. 26 p. illus., 7 pl. F.1928 (Rec'd Mr.26)

Stuart, W., Edmundson, W.C., Lombard, P.M. & Dewey, G.W.
Source, character, and treatment of potato sets. U.S. Dept. Agr.Techn. Bull. 5. 35 p. illus. D. 1927 (Rec'd Mr.1928)

U.S. Geol. Surv. Water-Supply Paper.

Meinzer, O.E.
Plants as indicators of ground water. U.S. Geol. Surv. Water-Supply Paper. 577. 95 p. 12 pl. 1927.

Vict. Nat. (Melbourne)

Daley, C.
History of Flora australiensis VIII. Vict. Nat. 44: 271-278. F.1928. no.10.

Rogers, R.S.
Some new orchids for Victoria. Vict. Nat. 44: 288-289. F.1928. no.10.
From his paper on new Australian orchids in Trans.Roy. Soc. So.Austr.

Williamson, H.B.
The aquatic plants of Victoria II. Vict. Nat. 44: 283-287. illus. F.1928. no.10.

Zeitschr. Pflanzenernähr. Düng.u. Bodenk. A.Wiss.Teil.
Mevius, W.
Bedeutung der reaktion für die wirkung der ammoniumsalze auf das wachstum von Zea mays. Zeitschr. Pflanzenernähr. Düng.u. Bodenk. A.Wiss. Teil. 10: 208-218. 1928. no.4.

Zeitschr. Pilzk. (Leipzig)
Knauth, B.
Drei seltene funde. Zeitschr. Pilzk. 12(n.s.7): 24-25. F.1928. no.2.
Chitonia pequinii, Stropharia squamosa var aurantiaca, Tricholoma inordermeum.

Leinburg, M.von
Zum 50 todestag des schwedischen botanikers Elias Fries (Gest. 8. Februar 1878). Zeitschr. Pilzk. 12(n.s.7): 17-19. F.1928. no.2.

Schäffer, J.
Lars Romell. Zeitschr. Pilzk. 12(n.s.7): 20-23. port. (front.) F.1928. no.2.

Schäffer, J.
Nochmals der mehlstielige täubling, Russula farinipes Rom. Zeitschr. Pilzk. 12(n.s.7): 25-26. F.1928. no.2.

Exper. Stat. Publ.
Hanson, H.C.
Revegetation of waste range land. Colorado Agr. Exp.Stat. Bull.332. 9 p. illus. Ja.1928 (Rec'd Mr.)

Headden, W.P.
Effects of nitrates on composition of the potato. Colorado Agr.Exp.Stat. Bull. 325. 96 p. illus. D.1927 (Rec'd Mr.1928)

Longyear, B.O.
Some edible and poisonous mushrooms of Colorado. Colorado Agr. Exp. Stat. Bull.331. 48 p. illus. col.pl. Ja.1928 (Rec'd Mr.)

Lott, R.V.
Hotbeds and coldframes. Colorado Agr. Exp. Stat. Bul.328. 24 p. illus. F.1928.
Hotbed diseases: p.17-19.

Exper. Stat. Publ. (cont.)

Lungren, E.A. & Durrell, L.W.
Seed treatments for stinking smut of wheat. Colorado Agr. Exp. Stat. Bull. 333. 12 p. Ja.1928 (Rec'd Mr.)

Clinton, G.P.
[Report of the Dept. of] botany [for the year ending October 31, 1927]. Rep. Dir. Conn. Agr. Exp.Stat. 1926/27(Bull. 291): 98-99. illus. D. 1927 (Rec'd Mr.1928)

Clayton, E.S.
Blackleg disease of brussels sprouts, cabbage, and cauliflower. New York State Agr. Exp. Stat. Bull.550. 27 p. 8 pl. D.1927 (Rec'd Mr.1928)

Jones, L.K.
Disease of canning crops in 1927. New York State Agr. Exp.Stat. Circ.99. 5 p. Mr.1928.
Peas.

Jones, L.K.
Studies of the nature and control of blight, leaf and pod spot, and footrot of peas caused by species of Ascochyta. New York State Agr. Exp. Stat. Bull. 547. 46 p. 7 pl. D.1927 (Rec'd Mr.1928)
Three organisms associated with diseased condition known as Ascochyta leaf and pod spot or Achocyta blight. Proposes that the three diseases be designated as Aschochyta leaf and pod spot (A. pisi), Mycosphaerella blight (M. pinodes) & Ascochyta footrot (A. pinodella n.sp.)

Heald, F.D.
[Report of] Division of plant pathology, for the fiscal year ended June 30. Ann. Rep. Washington Agr. Exp. Stat. 37: 38-43. D.1927.(Rec'd Mr.1928)

Luce, W.A. & Morris, O.M.
Pollination of deciduous fruit. Washington Agr. Exp. Stat. Bull.223, 22 p. illus. Ja.1928.(Rec'd Mr.)

State Publications.

McCubbin, W.A.
White pine blister rust. Bull. Dept. Agr. Pennsylvania. v.10, no.16. 27 p. illus. Ag.15, 1927 (Rec'd Mr.1928)

New Books.

Arendt, G.
Beiträge zur kenntnis der gattung Tamarix. Leipzig, 1926.
Inaug.-diss. Berlin.

Beijerinck, W.
Over verspreiding en periodiciteit van de zoetwaterwieren in Drentsche heideplassen (Bijdrage voor het samenstellen eener Nederlandsche wierenflora) [n.p.] 1927.
Proefschr.-Wageningen.
English summary.
On the distribution, the periodical occurrence and fructification of freshwater-algae in the moor-pools of Drente, Holland.

Berman, A.
Recherches sur la structure anatomique du fruit des borraginacées. Lons-le-Saunier, L. Declume, 1926.
Thèse- Paris, (Pharmacie)

Bijhouwer, J.T.P.
Geobotanische studie van de Berger duinen Deventer, 1926.
Proefschr. - Wageningen.
English summary.

Bonnier, G.
Flore complète illustrée en couleurs de France ... Suisse et Belgique... t.10, par R. Douin. fasc. 93. pl.553-558. [1928]

Bonnier, G. & Layens, G.de.
Nouvelle flore du nord de la France et de la Belgique... 7. ed., rev. et corr. avec. renvois aux pages de l'Album de la Nouvelle flore. Paris, Librairie générale de l' enseignement, [1926]
Key to flora.

Eberhardt, P.
Les plantes médicinales et leurs propriétés Paris, P. Lechevalier, 1927 (Encyclopédie pratique du naturaliste X)

Fox, H.M.
Garden cinderellas; how to grow lilies in the garden. N.Y., Macmillan, 1928.
Diseases and pests and how to fight them: p.106-125.

New Books (cont.)

Gilbert, E.J.
La spores des champignons supérieurs. Paris, Librairie E. le François, 1927 (Les livres du mycologue t.1.)

Jaczewski, A.A.
..... Considérations sur la phylogénie des champignons. Leningrad, 1927.
Russian with French résumé.
Extrait des Melangés botaniques offerts a Mr. I. Borodine.

Jamieson, T.
Nature's serious tale as revealed by science, instinct and common sense. Aberdeen, The Rosemount press, 1926.

Maublanc, A.
Les champignons comestibles et vénéneux... Ed.2, v.2, Paris, P.Lechevalier, 1927 (Encyclopédie pratique du naturaliste XXIII)

Selle, F.
Pflanze und weltanschauung. Beiträge zur einer botanischen naturphilosophie. Graz, Teuschner & Lubensky. 1927.

Smith, W.S.
Een onderzoek naar het voorkomen en de oorzaken van de verschijnselen, welke worden aangeduid met den naam "ontginningsziekte". Wageningen, F.H. Veenman & zonen, 1927.
Proefschr. - Wageningen.

Steingroever, A.
Zur chemie der stärke. Berlin-Charlottenburg, Buchholz & Weisswange, 1926.
Inaug.-diss.Berlin.

Wickes, D.R.
Flowers of Peitaiho. Peking, China, Peking Leader Press, 1926. (Peking Soc. Nat. Hist.Educ. Ser.1)

Correction.
List v.10,no.6, p.36.
Jaczewski, A.A. Karmannyi opredelitel gribov 2 v. 1926-27.
Transl. of title should read: Pocket key for determination of fungi.

BOTANY
CURRENT LITERATURE

ADDITIONS TO THE BOTANICAL CATALOGUE, BUREAU OF PLANT INDUSTRY,
COMPILED FROM PUBLICATIONS RECEIVED IN THE
LIBRARY OF THE UNITED STATES DEPARTMENT OF AGRICULTURE, WASHINGTON, D. C.

Vol. 10, no.8. Apr.2-14, 1928.

Agr. Journ. India (Calcutta)

Venkatraman, T.S. & Thomas, R.
A leaf adaptation conducive to mosaic resistance in the sugarcane. Agr.Journ. India. 23: 56-57. illus. Ja.1928. no.1.

Alpe. Riv. For. Ital. (Piacenza)

Merendi, A.
I castagneti da frutto in Liguria. Alpe, Riv. For. Ital. 15: 34-40. F.1928. no.2.

Amer. Bot. (Joliet, Ill.)

[Clute, W.N.]
Botanical essays. Amer. Bot. 34(Suppl.): 1-16. Ap.1928. no.2.
I. Living matter. II. The movement of plants. III. Plant travelers.

Clute, W.N.
The meaning of plant names XXXIV Cichoriaceae. 2. Amer. Bot. 34: 49-55. Ap.1928. no.2.

Clute, W.N.
The sand phlox. Amer. Bot. 34: 45-46. illus. Ap.1928. no.2.
Phlox bifida.

Clute, W.N.
Useful plants of the world. Economic species (concl.) Amer. Bot. 34: 58-63. Ap.1928. no.2.

Wherry, E.T.
The term Lychnidea. Amer. Bot. 34: 68-69. Ap.1928. no.2.
Earliest name for Phlox.

Amer. Druggist.

Dallimore, W.
How botanical plants reach the ends of the earth. Far flung British colonies get supplies direct from Kew gardens. Amer. Druggist. 77(2): 50-51, 80, 82, 84. illus. F. 1928. no.2.

Amer. Fruit Grow. Mag. (Chicago)

Swartwout, H.G.

How pollination increases fruit production. II. Amer. Fruit Grow. Mag. 48(4): 4, 20. illus. Ap.1928.

The study of the relative self-sterility and inter-sterility is applied to the blossoms of the pear, plum, cherry, grape, currant, gooseberry and the small fruits.

Amer. Journ. Pharm. (Philadelphia)

Gordon, S.M.

The aldehydes of Pinus jeffreyi. Amer. Journ. Pharm. 100: 156-161. Mr.1928. no.3.

Phytochemical notes no.99.

Gordon, S.M.

The seeds of Nepeta cataria. Amer. Journ. Pharm. 100: 155-156. Mr.1928. no.3.

Phytochemical notes no.98.

Ann. Chim. Appl. (Roma)

Quartaroli, A.

Sulla questione del rame come componente normale delle piante. Anne. Chim. Appl. 18: 47-63. F.1928. no.2.

Arb. Treub-Labor. Bot. Gart. Buitenz.

Faber, F.C.von.

Die kraterpflanzen Javas in physiologisch-ökologischer beziehung. Arb. Treub-Labor. Bot. Gart. Buitenz. no.1. 119 p. illus. xviii pl. 1927.

Arch. de Bot. Caen Bull. Mens.

Charles-Joseph Pitard. Arch. de Bot. Caen. Bull. Mens. 2: 40. F.1928. no.2.

Notice of death.

Perrier de la Bathie, H.

Observations nouvelles sur le genre Kalanchoe. Arch. Bot. Caen. Bull. Mens. 2: 17-31. F. 1928. no.2.

Beih. Bot. Centralbl. Abt.1.

Bihlmeier, M.
Zur kenntnis der keimungsphysiologie einiger labiaten und cruciferen-samen. Beih. Bot. Centralbl. Abt.I. 45: 83-96. F.1928. no.1.

Bodmer, H.
Beiträge zur anatomie und physiologie von Lythrum salicaria L. Beih. Bot. Centralbl. Abt.I. 45: 1-58. illus. F.1928. no.1.

Diepenbrock, F.
Beitrag zur kenntnis der nektarien bei hibisceen, unter besonderer berücksichtigung der kelchblätter. Beih. Bot. Centralbl. Abt.I. 45: 74-82. illus. F.1928. no.1.

Pohl, F.
Der einfaltige pollen, seine verbreitung und phylogenetische bedeutung. Beih. Bot. Centralbl. Abt.I. 45: 59-73. illus. F. 1928. no.1.

De Bergcultures (Batavia, Java.)

Bally, W.
Korte mededeelingen over topsterfte bij koffie in Zuid-Sumatra. De Bergcultures. 2: 979-982. F.11, 1928. no.33.

Ber. Deut. Chem. Ges. (Berlin)

Lüdtke, M.
Zur kenntnis der pflanzlichen zellmembran II. Ber. Deut. Chem. Ges. 61: 465-470. Mr.7,1928. no.3.

Biochem. Journ. (London)

Hopkins, F.G.
Benjamin Moore (1867-1922). Biochem.Journ. 22: 1-3. 1928. no.1.

Steward, F.C.
On the evidence for phosphatides in the external surface of the plant protoplast. Biochem.Journ. 22: 268-275. 1928. no.1.

Biol. Gen. (Vienna)

Bleier-Kraupa, M.
Die narzissenwiese als lebensgemeinschaft. Biol. Gen. 3: 557-570. pl.xiii-xv. 1927. no.5/8.

Geitler, L.
Ueber vegetationsfärbungen in Bächen. Biol. Gen. 3: 791-814. illus., pl.xviii-xxi. 1927. no.5/8.

Biol. Gen. (cont.)

Himmelbaur, W. & Zwillinger, E.
Biologisch-chemische formenkreise in der gattung Digitalis L. Biol. Gen. 3: 595-688. illus. 1927. no.5/8.

Kubart, B.
Einige bemerkungen zur frage des nachweises der lauraceen-gattung Umbellularia in den tertiären "redwood" - beständen Nordamerikas. Biol. Gen. 3: 585-594. illus. 1927. no.5/8.

Lohwag, H.
Das oogan als wesensbestandteil der geschlechts-organe im pilzreich. Biol. Gen. 3: 699-772. illus. 1927. no.5/8.
Kritisches sammelreferat.

Porsch, O.
Kritische quellenstudien über blumenbesuch durch vögel III. Biol. Gen. 3: 475-548. illus. 1927. no.5/6.

Biol. Zentralb. (Leipzig)

Ubisch, G.von
Betrachtungen und versuche zur statolithen-hypothese. Biol. Centralbl. 48: 172-190. illus. 1928. no.3.

Varga, L.
Ein interessanter biotop der biocönose von wasserorganismen. Biol. Zentralbl. 48: 143-162. illus. 1928. no.3.
Organisms found in water in leaf axis of Dipsacus (Dipsacus-aquarien)

Woltereck, R.
Bemerkungen über die begriffe "reaktions-norm" und "klon". Biol. Zentralbl. 48: 167-172. 1928. no.3.

Bol. Agr. Min. Industr. Colombia.

Foex, M.T.
Preservación de la semillas y de los vegetales jóvenes contra las enfermedades criptogámicas y los parásitos animales, por medio de la esterilización del suelo. Bol. Agr. Min. Industr. Colombia. 1: 525-544. Mr.1928. no.91.

Bol. Agr. São Paulo.

Azzi, R.
Uma nova molestia da canna de assucar.
Bol. Agr. São Paulo. 28a: 526-532. illus.
S./O.1927. no.9/10.
Bacterial, undeterm.

Bot. Mag. Tokyo.

Hagiwara, T.
Genetic studies of leaf-characters in morning glories VII. On the spiral tortion and the abnormal bract. Bot. Mag. Tokyo. 42: 85-95. illus. F.1928. no.494.
Text in Japanese; English summary: p.95.

Hiratsuka, N.
A provisional list of the Melampsoraceae of Saghalien. Bot. Mag. Tokyo. 42: 26-32. Ja.1928. no.493.

Kimura, A.
Ueber glandulosae, eine neue sektion der Salix. Bot. Mag. Tokyo. 42: 68-69. Ja.1928. no.493.

Nakai, T.
Notulae ad plantas Japoniae et Koreae XXXV. Bot. Mag. Tokyo. 42: 1-26. Ja.1928. no.493.

Nawa, N.
Some cytological observations in Tricyrtis, Sagittaria and Lilium. Bot. Mag. Tokyo. 42: 33-36. illus., 1 pl. Ja.1928. no.493.

Shimamura, T.
On the formation of proembryo of Ginkgo biloba L. Bot. Mag. Tokyo. 42: 71-82. 2 pl. F.1928. no.494.
Text in both English and Japanese.

Sinotô, Y.& Kiyohara, K.
A preliminary note on the chromosomes of Hydrilla verticillata, Presl. Bot. Mag. Tokyo. 42: 82-85. illus. F.1928. no.494.
Text in Japanese; English summary: p.85.

Tokuda, Sh.
The action of nitrates and ammonium salts on some plants. Bot. Mag. Tokyo. 42: 37-56. Ja. 1928. no.493.
Text in Japanese; English summary: p.54-55.

Bot. Mag. Tokyo. (cont.)

Yamamoto, Y.
Notae ad plantas Japoniae et Formosae VII. Bot. Mag. Tokyo. 42: 109-115. illus. F. 1928. no.494.

Yasuda, S.
Physiological researches on the fertility in Petunia violacea IV. On the effect of the secretion of the stigma of fertility, especially on the self-incompatibility. Bot. Mag. Tokyo. 42: 96-108. F.1928. no.494.
Text in Japanese: English summary: p.106-108.

Bull. Gard.Club Amer. (Sewickley, Pa.)

Morgan, F.C.
Notes on some gentians. Bull. Gard. Club. Amer. III, 20: 20-23. illus. Mr.1928.

Bull. Mens. Soc.Nat. Hort. France, (Paris)

Franquet, R.
A propos des tubercules aeriens de topinambour. Bull. Mens. Soc. Nat. Hort. France. V, 1: 74-76.

Gratiot, J.
La sterilité chez les orchidées. Bull. Mens. Soc. Nat. Hort. France. V, 1: 83-85. F.1928.

Hadjinicolaou, A.
Tuberculisation aérienne du topinambour. Bull. Mens. Soc. Nat. Hort. France. V, 1: 76-78. illus. F.1928.

Bull. Torr. Club.

Rusby, H.H.
Mulforida, a new genus of the Zingiberaceae. Bull. Torrey Bot. Club. 55: 165-167. illus. Mr. 1928. no.3.
Mulforida, gen.nov., M. boliviana, sp.nov.

Rydberg, P.A.
Notes on Fabaceae XI. Bull. Torrey Bot. Club. 55: 155-164. Mr.1928. no.3.

Stout, A.B.
Dichogamy in flowering plants. Bull. Torrey Bot. Club. 55: 141-153. Mar.1928. no.3.

Trelease, W.
New species of Peperomia from Bolivia. Bull. Torrey Bot. Club. 55: 169-170. Mr.1928. no.3.
Peperomia aceramarcana, P. nequejahuirana, P. pitiguayana, P.okarana, P.ticunhuayana, n.sp.

Burma Forest Bull. (Bot.Ser.)
Scott, C.W. & Parkinson, C.E.
The common oaks and chestnuts of Maymyo and Kalaw. Burma Forest Bull. (Bot.Ser.1) 16 p. 24 pl. 1928.

Canad. Field Nat. (Ottawa)
Mousley, H.
Notes on the birds, orchids, ferns and butterflies of the province of Quebec, 1927 Canad. Field-Nat. 42: 25-29. F.1928. no.2.

Časové Spisky. Min. Zemědělstvi. Czechoslovak. Rep. (Praze)
Havelka, V.
Pěstování kminu. Časové Spisky Min. Zemědělstvi. Czechoslovak. Rep. 67. 37 p. illus. 1927.
Culture of fennel (Carum carvi)

Šimon, J.
Popis a určování bramborových odrud dle nových soustav. Časové Spisky Min. Zemědělstvi. Czechoslov. Rep. 69. 160 p. illus., col.plates. 1927.
Potato varieties.

Compt.Rend. Acad. Agr. France. (Paris)
Ducomet, V. & Foex, Et.
Essais effectués en 1927 au champ d'éxpériences établi par l'Institut des recherches agronomiques a Russ-Hersbach (Bas-Rhin) en vue de l'étude de la maladie verruqueuse (Synchytrium endobioticum Schilb. Perc.) de la pomme de terre. Compt. Rend. Acad. Agr. France. 14: 442-445. Mr.14, 1928. no.11.

Mangin, L.
Léon Guignard (1852-1928). Compt. Rend. Acad. Agr. France. 14: 435-438. Mr.14,1928. no.11.

Compt. Rend. Acad. Sci. Paris.
Belval, H.
La genèse de l'amidon dans les céréales, les glucides des feuilles et des tiges du riz. Compt. Rend. Acad. Sci. Paris. 186: 781-783. Mr.19, 1928. no.12.

Brandza, M.
Recherches morphologiques et expérimentales sur les sclérotes de myxomycètes calcarées. Compt. Rend. Acad. Sci. Paris. 186: 800-802. Mr.19, 1928. no.12.

Compt.Rend. Acad. Sci. Paris(cont.)

Colin, H. & Franquet, R.
Une nouvelle plante à maltose, Schizopepon fargesii Gagnepain. Compt. Rend. Acad. Sci. Paris. 186:890-891. Mr.26, 1928. no.13.

Costantin, J.
Contribution à l'étude biologique de l'epicea (Picea excelsa). Compt. Rend. Acad. Sci. Paris. 186: 721-723. Mr.19,1928. no.12.

Dangeard, P.
Sur le dégagement d'iode libre chez les algues marines. Compt. Rend. Acad. Sci. Paris. 186: 892-894. Mr.26, 1928. no.13.

Daniel, L.
Nouvelles observations sur les variations de la descendance des topinambours greffés. Compt. Rend. Acad. Sci. Paris. 186: 785-787. illus. Mr.19, 1928. no.12.

Eichhorn, A.
Sur divers stades de la mitose de l'Hyacinthus orientalis et, comparativement, de l'Allium cepa. Compt. Rend. Acad. Sci. Paris. 186: 778-781. illus. Mr.19,1928. no.12.

Fromageot, Cl.
Sur les écarts que peut présenter la concentration en ions H+ du sol en des points très voisins. Compt. Rend. Acad. Sci. Paris. 186: 787-790. Mr. 19,1928. no.12.

Gavaudan, P.
Sur la présence du systeme oléifère dans les organes de multiplication des jungermanniacées. Compt. Rend. Acad. Sci. Paris. 186: 886-888. Mr.26, 1928. no.13.

Guillaume, A.
Variations dans la teneur en alcaloïdes chez le lupin sous l'influence de l'alimentation. Compt. Rend. Acad. Sci. Paris. 186: 888-890. Mr.26, 1928. no.13.
Lupinus mutabilis.

Maige, A.
Phénomènes de fatigue des plastes pendant l'amylogénèse. Compt. Rend. Acad. Sci. Paris. 186: 885-886. Mr.26,1928. no.13.

Compt. Rend. Acad. Sci. Paris. (cont.)

Volmar, & Jermstad.
Le solaréol, principal constituant de l'essence absolue de sauge sclarée. Compt. Rend. Acad. Sci. Paris. 186: 783-785. Mr.19,1928. no.12.

Compt. Rend. Soc. Biol. Paris.

Décès de M.L. Guignard. Compt. Rend. Sco. Biol. Paris. 98: 742-744. Mr.16, 1928. no.10.

Gabriel, C.
Considérations sur la mutation d'une espèce végétale, Brassica oleracea L.s.sp. robertiana J.Gay. Compt. Rend. Sco. Biol. Paris. 98: 781-782. Mr.16, 1928. no.10.

Gabriel, C.
Sur les caractères acquis par Brassica robertiana cultivé. Compt. Rend. Soc. Biol. Paris. 98: 777-780. illus. Mr.16, 1928. no.10.

Ledoux, P.
Sur des Aristida L.(Graminaceae) du Congo belge. Compt. Rend. Soc. Biol. Paris. 98: 888-890. Mr.23, 1928. no.11.

Maisin, J. & Masy, S.
Au sujet du méchanisme d'action des rayons X sur les graines. Compt. Rend. Soc. Biol. Paris. 98: 886-888. Mr.23, 1928. no.11.

Curt. Bot. Mag.

Curt. Bot. Mag. v.152, pt.3, Mr.1928.
Watsonia beatricis. 2 p. col.pl.9139.
Actinidia coriacea. 3 p. col.pl. 9140.
Halimium umbellatum. 4 p. col.pl. 9141.
Clematis macropetala, 4. p. col.pl. 9142.
Trollius yunnanensis, 4 p. col.pl. 9143.
Phlomis bovei. 4 p. col.pl. 9144.
Primula bella. 3 pl. col.pl.9145.
Raoulia subsericea. 3 p. col.pl. 9145B.
Schizandra rubriflora. 4 . p. col.pl.9146.
Rhododendron semibarbatum. 4 p. col.pl. 9147.
Fritillaria acmopetala. 3 p. col.pl. 9148.
Primula involucrata wardii. 4 p. col.pl. 9149.
Trias picta. 3 p. col.pl. 9150.

Dokl. Akad. Nauk. SSSR (Compt. Rend. Acad. Sci. URSS)

Brilliant, V.A.
Les formes de la plasmolyse produites par des solutions concentrées de sucres et de sels dans les cellules de Mnium et de Catharinea. Dokl. Akad. Nauk SSSR (Compt. Rend. Acd. Sci. URSS) 1927: 155-160. illus. (Rec'd Ap.1928) no.11.

Kostychev, S.P. & Chesnokov, V.A.
Production d'acide citrique par l'Aspergillus niger. Dokl. Akad. Nauk SSSR (Compt. Rend.Acad. Sci. URSS) 1927: 195-200. (Rec'd Ap.1928) no.13.

Navashin, M.S.
Un cas de mérogonie chez les composées. Dokl. Akad.Nauk SSSR (Compt. Rend. Acad. Sci. URSS). 1927: 88-90. (Rec'd Ap.1928)
Russian.

Tolmachev, A.
Kritische bemerkungen über einige wenig bekannten blütenpflanzen Nowaja Semlia's. Dokl. Akad. Nauk SSSR (Compt.Rend. Acad.Sci. URSS) 1927: 99-102. (Rec'd Ap.1928) no.6.

Empire Cotton Grow. Rev. (London)

Findlay, W.P.K.
Some conditions influencing the development of bacterial disease of cotton (Bacterium malvacearum) Empire Cotton Grow.Rev. 5: 29-39. Illus. Ja.1928. no.1.

Hewison, H.K. & Symond, J.E.
Observations on a fungus disease and an insect pest of cotton. Empire Cotton Grow. Rev. 5: 48-53. Ja.1928. no.1.
Alternaria leaf spot.

Faserforsch. (Leipzig)

Schilling, E.
Zur frage der trockenbeizung von leinsaat. Faserforsch. 6: 105-115. Mr.1928. no.3.

Tobler, F.
Fasern von Acrocomia totai (mbocaya) Faserforsch. 6: 126-128. illus. Mr.1928. no.3.

Fortschr. Landw. (Vienna)

Friedrichs, G.
Die trockenbeizung des getreides mittels Dauerbeizmaschinen. Fortschr. Landw. 3: 58-66. illus. Ja.15,1928. no.2.

Hiltner, E.
Ist eine wesentliche jodanreicherung in pflanzen möglich? Fortschr. Landw. 3: 1-4. Ja.1,1928. no.1.

Mader, W.
Der saatwert der verschiedene haferkornarten. Fortschr. Landw. 3: 4-6. illus. Ja.1,1928. no.1.

Schaffnit, E.
Ueber die entwicklung und bedeutung der phytopathologie in Deutschland. Fortschr. Landw. 3: 49-53. illus. Ja.15, 1928. no.2.

Fruit Flower & Veg. Trades Journ. (London)

Reversion in black currants. Fruit, Flow & Veg. Trades Journ. 53: 272. Mr.17, 1928. no.11.

Fruits & Gard. (Zeeland, Mich.)

Howlett, F. S.
Varietal differences in fruit setting. Fruits & Gard. 26(4): 7, 14. illus. Ap.1928.

Gard. Chron. (London)

Brown, N.E.
Mesembryanthemum (cont.) Gympnopoma, Punctillaria. Gard. Chron. III, 83: 194-195. 215-216. Mr.17,24, 1928. no.2151-52.

Darnell, A.W.
The genus Primula. (cont.) Gard. Chron. III, 83: 195-196, 208-209. Mr.17,24, 1928. no.2151-52.

F., R.
Fuchsias. Gard. Chron. III, 83: 188. Mr.17, 1928. no.2151.

Friend, H.
Ideal gardens and plant lore. The paradise of Indra (concl.) Gard. Chron. III, 83: 212. Mr.24, 1928. no.2152.

Gard. Chron. (cont.)

Hutchinson, J.
Rhododendron imberbe Hutchinson, n.sp. Gard. Chron. III, 83: 212-214. illus. Mr.24 1928. no.2152.

John Weathers. Gard. Chron. III, 83: 201. Mr.17, 1928. no.2151.
Obituary notice.

Rayner, M.C.
The role of mycorrhiza in plant growth (cont.) Gard.Chron. III, 83: 193-194, 214. illus. Mr.17,24, 1928. no.2151-52.

Sandeman, C.
Monaco's Jardin exotique. Gard. Chron. III, 83: 192-193. illus. Mr.17,1928. no.2151.

Todd, E.E.
A revision of Violas (cont.) Gard. Chron. III, 83: 215. Mr.24, 1928. no.2152.

Gard. Illus. (London)

Auton, W.
The Algerian Iris (Iris unguicularis syn. I. stylosa). Gard. Illus. 50: 161. illus. Mr.17, 1928. no.2558.

Longford, H.G.
The production of new daffodils from seed. Gard. Illus. 50: 180-181. illus. Mr.24, 1928. no.2559.

McFarland, J.H.
Investigation of black spot disease of roses. Gard. Illus. 50: 160. Mr.17, 1928. no.2558.

Taylor, G.M.
Black-spot disease of roses. Gard. Illus. 50: 178-179. Mr.24, 1928. no.2559.
With remarks by A.D.G. Shelley.

Gartenfl. (Berlin)

Graebner, L.
Die nussbaumfamilie. (cont.) (Pterocarya). Gartenfl. 77: 93-95. illus. Mr.1928.

Harms, H.
Ueber die bromeliacee, Hohenbergia penduliflora (A. Rich.) Mez. Gartenfl. 77: 83-85. illus. Mr.1928.

Gartenfl. (cont.)

Nessel, H.
Witsenia corymbosa Gawl. (Nivenia corymbosa Bak., Niv. stylosa Salisb.) Gartenfl. 77: 87-88. illus. Mr.1928.

Purpus, J.A.
Ein fruchtbaum des tropischen Mexiko. Spondias pupurea L. Gartenfl. 77: 95-96. illus. Mr.1928.

Schwantes, G.
Eine neue, interessante mesembriazee. Rhombophyllum nelii Schwantes spec.nov. Gartenfl. 77: 85-87. illus. Mr.1928.

Gartenschönheit. (Berlin)

Anlauf, J.
Kakipflaumen, eine neue treibfrucht. Gartenschönheit. 9: 9. illus. Ja.1928. no.1.
Diospyros kaki.

Bohlmann, E.
Die orchideen im winter. Gartenschönheit. 9: 4-7. illus. Ja.1928. no.1.

Bulhart, V.
Orchideen im zimmer. Gartenschönheit. 9: 8-9. illus., col.pl. Ja.1928. no.1.

Jelitto, C.R.
Schneeglöckchen. Gartenschönheit. 9: 94-96. illus. Mr.1928. no.3.
Galanthus sp.

Grande Rev. Agr. (Paris)

Chevalier, J.
Le pyrèthre insecticide. Grande Rev. Agr. 1928: 493-501. illus. Mr.1928. no.5.

Mangin, M.
La lutte contre la maladie du chataignier. Grande Rev. Agr. 1928: 502-503. Mr.1928. no.5.
Inky disease.

Hacienda (Buffalo)

Miatello, H.
La semilla y el fenómeno de su germinación. Hacienda. 23: 134-135. illus. Ap.1928. no.4.

Hereditas (Lund)

Håkansson, A.
Die chromosomen einiger scirpoideen.
Hereditas. 10: 277-292. illus. 1928. no.3.

Hammarlund, C.
Zweite mitteilung über einen fall von koppelung und freier kombination bei erbsen. Hereditas. 10: 303-327. 1928. no.3.

Jørgensen, C. A.
A periclinal tomato-potato chimaera. Hereditas. 10: 293-302. illus. 1928. no.3.

Müntzing, A.
Chromosome number, nuclear volume and pollen grain size in Galeopsis. Hereditas. 10: 241-260. 1928. no.3.

Tjebbes, K.
The chromosome numbers of some flowering plants. Hereditas. 10: 328-332. illus. 1928. no.3.

Hoppe-Seyl. Zeitschr. Phys. Chem. (Berlin)

Euler, H.von & Steffenburg, S.
Co-zymase in atmenden pflanzenorganen. Hoppe-Seyl. Zeitschr. Phys. Chem. 175: 38-51. Mr.1928. no.1/2.

Euler, H. von & Brunius, Ed.
Zur kenntnis der mutase. Hoppe-Seyl. Zeitschr. Phys. Chem. 175: 52-67. Mr.1928. no.1/2.

Grassmann, W.& Dyckerhoff, H.
Ueber die wirkungsweise der hefepolypeptidase. Hoppe-Seyl. Zeitschr. Phys. Chem. 175:18-37. Mr.1928. no.1/2.
Abhandlung über pflanzenproteasen X. Von R. Willstätter.

Klein, G.
Nitratassimilation bei schimmelpilzen. Hoppe-Seyl. Zeitschr. Phys. Chem. 174: 278-283. Mr. 1928. no.5/6.

Indian For. (Dehra Dun)

Hafiz Khan, A.
Inoculation of chir (Pinus longifolia) with Coleosporium campanulae (Pers.) Lev., on Campanula canescens, Wall. and Coleosporium inulae (Kunze) Ed. Fish., on Inula cappa D.C. Indian For. 54: 176-178. Mr.1928. no.3.

Indische Culturen (Soerabaja)
Vries, Ir.E.de.
Een nieuwe ziekte bij djeroek-keprok. Indische Culturen. 13: 226-228. illus. Mr.1, 1928. no.5.
Disease of citrus, ? Diplodia.

Indische Mercuur (Amsterdam)
Spoon, Ir.W.
Invoer van sawo manila te Amsterdam. Indische Mercuur. 51: 235-236. illus. Mr.28,1928. no.13.
Achras zapota.

Industr. & Engin. Chem. (Easton, Pa.)
Bray, R.H.
Apparatus for measuring the hydrogen-ion concentration of the soil. Industr. & Eng. Chem. 20: 421-423. Apr. 1928. no.4.

Ital. Agr. (Milan)
Pirovano, A.
Esperienze elettrogenetische in granturchi pigmentati. Ital. Agr. 65: 55-61. col.pl. F. 1928. no.2.

Ital. Vinic. (Casalmonferrato)
Marescalchi, A.
La lotta contro la Cercospora delle bietole con le polveri ramate. Ital. Vinic. 18: 194-196. Mr.25,1928. no.13.

Journ. Bot. (London)
Brown, N. E.
Mesembryanthemum and allied genera. Journ. Bot. 66: 75-80. Mr.1928. no.783.
Acaulon, gen.nov.

Exell, A.W.
Mr. John Gossweiler's plants from Angola and Portuguese Congo. Dicotyledones, Polypetalae (cont.) Journ.Bot. 66(Suppl.): 97-104. Mr.1928. no.783.

Hanbury, F.J.
Rev. E.F.Linton, M.A. Journ. Bot. 66: 81-86. Port. Mr.1928. no.783.
Bibliography, comp. by J. Ardagh: p.85-86.

Jávorka, A.
Hungarian species of Onosma (concl.) Journ. Bot. 66: 65-75. Mr.1928. no.783.

Journ. Bot. (cont.)

Praeger, R.L.
A new hybrid rose. Journ. Bot. 66: 87-88. Mr.1928. no.783.
Rosa canina x rugosa, hybr. nov.

Journ. Dept.Agr. So.Australia. (Adelaide)

Samuel, G. & Piper, C.S.
Grey speck (manganese deficiency) disease of oats. Journ. Dept. Agr. So. Australia. 31: 696-705. illus. F.1928. no.7.

Journ. For.(Wash., D.C.)

Meinecke, E.P.
The evaluation of loss from killing diseases in the young forest. Journ. For. 26: 283-298. Mr.1928. no.3.

Journ. Indian.Bot. Soc. (Madras)

Blatter, E., McCann, C. & Sabnis, T.S.
The flora of the Indus delta (cont.) Journ. Indian Bot. Soc. 6: 115-132. pl. D.1927. no.3/4.

Burns, W. & Kulkarni, L. B.
A line survey of grassland with reference mainly to rainfall. Journ. Indian Bot. Soc. 6: 103-108. D.1927. no.3/4.
In Bombay Presidency, from Sirur to Lonavla.

Chaudhuri, H.
Annual partial wilting in Hibiscus tiliaceus. Journ. Indian Bot. Soc. 6: 109-112. illus. D. 1927. no.3/4.
Alternaria dianthi.

Dastur, R.H.
The relation between water content and photosynthesis: a reply to a criticism. Journ. Indian Bot. Soc. 6: 222-225. D.1927. no.3/4.

Fisher, C.E.C.
Habenaria decipiens Wight. Journ. Indian. Bot. Soc. 6: 113-114. D.1927. no.3/4.

Inamdar, R.S. & Singh, B.N.
Studies in the respiration of tropical plants I- Journ. Indian Bot.Soc. 6: 133-212. D.1927. no.3/4.
I. Seasonal variations in aerobic and anaerobic respiration in the leaves of Artocarpus integrifolia.

Journ. Indian Bot. Soc. (cont.)

Patwardhan, G.B. & Hegde, G.R.

Two varieties of Andropogon contortus Linn. Journ. Indian Bot. Soc. 6: 213-221. illus. D.1927. no.3/4.

Journ. Roy. Soc. Arts (London)

Wright, C.H.

Modern aspects of rubber cultivation. Journ. Roy. Soc. Arts. 76: 455-506. Mr.23,1928. no.3931.

Diseases: p.485-486.

Journ. Stat. Agron. Guadeloupe.

Ballou, H. A.

Sur la quarantaine des plantes. Journ.Stat. Agron. Guadeloupe. 6: 138-141. 1928. no.3.

Journ. Washington Acad. Sci.

Howe, M.A.

Notes on some marine algae from Brazil and Barbados. Journ. Washington Acad. Sci. 18: 186-196. illus. Ap.4, 1928. no.7.

Standley, P.C.

New plants from Central America XII. Journ. Washington Acad. Sci. 18: 178-186. Ap.4, 1928.

Korte Meded. Inst. Plantenz. Buitenz.

Schwarz, M.B.

Voorloopige resultaten van een orienteerende veeljarige vrichtwisselingsproef op sawahterrein in verbrand met slijmziekte (Bacterium solanacearum) in Arachis hypogaea. Korte Meded. Inst. Plantenz. Buitenz. 3. 11 p. plates. 1927.

English summary (Preliminary results of a rotation test in connection with slime disease (Bacterium solanacearum): p.10-11.

Kühn-Arch. (Berlin)

Fall, A.

Ein beitrag zur wirtschaftsgeschichte der vorzeit. Wege zur prähistorisch-wirtschaftsgeschichtlichen forschungsmethode - erläutert an hand des gebietes der Mansfelder mulde und des anschliessend südlichen geländes bis zur unstrut. Kühn-Arch. 16: 1-54. x pl., fold.map. 1928.

Die kulturpflanzen und ackerunkräuter: p.11-16.

Landtm. Tids. Landtm. (Stockholm)

Lindfors, T.

Sortvalets betydelse för bekämpande av sjukdomar hos potatis. Landtm. Tidskr. Landtm. 11: 264-265. Mr.31, 1928. no.13.

Nilsson-Ehle, H.

Professor E. Lindhard, Köpenhamn. Landt.m. Tids. Landtm. 11: 249. Mr.24, 1928. no.12.

Osvald, H.

Hjalmar von Feilitzen. Landtm. Tids. Landtm. 11: 201-202. port. Mr.17, 1928. no.11.

Lesnická Práce.

Zlatnik, A.

Lesy a skalní stepi v Milešovském Středohori (Les forêts et les steppes rocailleuses du Milešovské Středohoři) I - Lesnická Práce. 7: 65-80. 1928. no.2.

I. Typologické a synekologická studie československých lesů (Etudes typologiques et synécologiques des forêts de la Tchécoslovaquie).

Lingnaam Sci. Journ. (Lingnam Agr. Rev.) (Canton, China)

Merrill, E.D.

An enumeration of Hainan plants. Lingnan Sci. Journ. 5: 1-186. N.1927 (Rec'd Ap.1928) no.1/2.

Maine Naturalist (Augusta, Me.)

Bean, R.C.

The woods under the hill. Maine Naturalist. 8: 32-35. Mr.1928. no.1.

A woodland near Clinton, Maine.

Pitman, E.M.

A cultivated plant and a wild plant. Maine Naturalist. 8: 30-31. Mr.1928. no. 1.

Chrysanthemum balsamita (Sweet mary or costmary); Odontites rubra.

Mater. Mikol. i Fitopat. (Mater. Mycol. & Phytopat.)

Alexandrov, L.A.

.... The tobacco powdery mildew in the south of Crimea in 1926. Mater. Mikol. i Fitopat. (Mater. Mycol. & Phytopat.) 6: 58-66. 1927 (Rec'd F.1928) no.1.

Russian.

Oidium tabaci.

Mater. Milol. i Fitopat. (Mater. Mycol. & Phytopat.) (cont.)

Burgwitz, G.K.
Giacomo Bresadola. Mater. Mikol. i Fitopat. (Mater. Mycol. & Phytopat.) 6: i-ii. 1927 (Rec'd F.1928) no.1.

Dekenbakh, K.N.
... The pear rust, Gymnosporangium sabinae and its control in Crimean conditions. Mater. Mikol. i Fitopat. (Mater. Mycol. & Phytopat.) 6: 68-91. 1927 (Rec'd F.1928) no.1.
Russian.

Geschele, E.E.
... The smuts in the vicinity of Sinelnikova. Mater. Mikol. i Fitopat. (Mater. Mycol. & Phytopat.) 6: 92-95. 1927 (Rec'd F.1928) no. 1.
Russian.

Gutner, L.S.
... The life history of Camptoum curvatum Link. Mater. Mikol. i Fitopat. (Mater. Mycol. & Phytopat.) 6: 301-313. illus. 1927 (Rec'd F.1928) no.1.
Russian, Latin diagnosis of new species (Pseudo-guignardia (gen.nov.) P. scirpi.

Jaczewski, A.A.
... On the formation of new species of fungi. Mater. Mikol. i Fitopat. (Mater. Mycol. & Phytopat.) 6: 239-294. 1927 (Rec'd F.1928) no.1.

Karpova-Benois, E.K.
... Phytopathological investigations in the forests of the Moscow government in the summer of 1926. Mater. Mikol. & Fitopat. (Mater. Mycol. & Phytopat.) 6: 314-323. 1927 (Rec'd F.1928) no.1.

Koronev, M.S.
... The powdery mildew of Dipsacus in Tauria Mater. Mikol. i Fitopat. (Mater. Mycol. & Phytopat.) 6: 48-53. 1927 (Rec'd F.1928) no.1.
Russian.
Sphaerotheca macularis (S.humuli)

Lebedeva, L.A.
... Mycophenological observations on cultures at the Saratov experimental station and in the vicinity in summer of 1927. Mater. Mikol. i Fitopat. (Mater. Mycol. & Phytopat.) 6: 227-238. 1927. (Rec'd F.1928) no. 1.
Russian

V.10, no.8, p. 20.

Mater. Mikol. i Fitopat.(Mater. Mycol. & Phytopat. (cont.)

Levoshin, V.K.

... About the disease of the bark of fruit-trees in the conditions of the Downy Wolga. Mater. Mikol. i Fitopat. (Mater. Mycol. & Phytopat.) 6: 214-226. illus. 1927 (Rec'd F.1928) no.1.

Russian

Sphaeropsis malorum.

Murashkinsky, K.E.

Dothideodiplodia agropyri n.gen. et spec. Mater. Mikol. i Fitopat. (Mater. Mycol. & Phytopat.) 6: 67. illus. 1927 (Rec'd F.1928) no.1.

On Agropyrum repens.

Naumov, N.A.

... About finding in nature and isolating in cultures, Mucorales. Mater. Mikol. i Fitopat. (Mater. Mycol. & Phytopat.) 6: 180-192. 1927. no.1. (Rec'd F.1928)

Russian.

Naumov, N.A.

... New or critical species of Sphaeriaceae and Sphaerioideae. Mater. Mikol. i Fitopat. (Mater. Mycol. & Phytopat.) 6: 1-12. illus. 1927 (Rec'd F.1928)

Russian with Latin diagnosis.

Melanosporopsis, Megalospora (new gen.)

Patkanian, A.R.

... Soda as a fungicides. Mater. Mikol.i Fitopat. (Mater. Mycol. & Phytopat.) 6: 193-203. 1927 (Rec'd F.1928) no. 1.

Russian.

Petrov, M.P.

... Fungi imperfecti novi e prov. Viatka inventi. Mater. Mikol. i Fitopat. (Mater. Mycol. & Phytopat. 6: 54-57. illus. 1927 (Rec'd F.1928) no.1.

Russian with Latin diagnosis.

Stagonospora alchemillar, Camarosporium hypericorum, Septoria hypochoeridis, Rhabdospora silenes, Phoma erigerontis, P. filaginis arvensis.

Raillo, A.

... Artificial infection with Hypochnus solani. Mater. Mikol. & Fitopat. (Mater. Mycol. & Phytopat) 6: 166-179. 1927 (Rec'd F.1928) no.1.

Russian.

V.10, no.8, p.21.

Mater. Mikol. i Fitopat. (Mater. Mycol. & Phytopat. (cont.)

Rozhdestvensky, N.A.
... Ergot. Mater. Mikol. i Fitopat. (Mater. Mycol. & Phytopat.) 6 : 123-165. 1927 (Rec'd F.1928) no.1.
Russian.

Rusakov, L.
... The rusts of cereals in the Extreme orient according to investigations of 1925. Mater. Mikol. i Fitopat. (Mater. Mycol. & Phytopat.) 6: 96-122. illus. (map) 1927 (Rec'd F.1928) no.1.
Russian.

Samutsevich, M.M.
... About soil fungi. Mater. Mikol. i Fitopat. (Mater. Mycol. & Phytopat.) 6: 204-213. illus. 1927 (Rec'd F.1928) no.1.
Russian.
Mucor ramosissimus, Verticillium vinosum, n.spp.

Shitikova-Rusakova, A.A.
... About the introduction of rust infection in the Amur region. Mater. Mikol. i Fitopat. (Mater. Mycol. & Fitopat.) 6: 13-47. 1927 (Rec'd F.1928) no.1.
Russian.

Soloviev, F.A.
... The rot of Picea by Polystictus triqueter Fr. Mater. Mikol. i Fitopat. (Mater. Mycol. & Phytopat.) 6: 295-300. illus. 1927 (Rec'd F. 1928) no.1.
Russian.

Matières Grass. (Paris)

Gillot, P.
Recherches sur les graines de l'Euphorbia platyphylla L. Matières Grass. 20: 8110-8112. Mr.15, 1928. no.239.

Pieraerts, J.
Contributions à l'étude chimique des malvales II Une bombacacée intéressante: le Pachira aquatica Aubl. Sa signification à titre d'oléagineux. Matières Grass. 20: 8113-8114. Mr.15,1928. no.239.

Meded. Algem. Proefst. Landb. Nederl.Ind.
Cramer, P.J.S.
Studiën over de vegetatieve vermeerdering bij overjarige tropische landbouwgewassen. I. Meded. Algem. Proefst. Landb. Nederl.-Ind. no.26 53 p. 1928.
I. Groeicijfers bij koffie.
English summary: p.52-53.

Meded. Landbouwproefst. Suriname. (Paramaribo)
Fernandes, D.S.
Voorloopige mededeeling over de oorzaak van de zeefvatenziekte (phloeemnecrose) bij de Liberia-koffie en hare bestrijding. Meded. Landbouw-proefst. Suriname. 1928(2): 12 p. F. 1928.

Mitt. Biol. Reichanst. Forst. u. Landw. (Berlin)
Schneider, G., Schlumberger, O. & Snell, K.
Versuchsergebnisse auf dem gesamtgebiete des kartoffelbaus in den jahren 1923-1926. Mitt. Biol. Reichsanst. Land - u. Forstw. 36. 125 p. Ja.1928.
Krankheiten und ihre bekämpfung: p.102-113.

Mitt. Deut. Landw. Ges. (Berlin)
Appel, O.
Der gegenwärtige stand der getreiderost-frage. Mitt. Deut. Landw. Ges. 43: 253-257. illus. Mr.24,1928. no.12.

Wachs,
Welche nutzanwendungen lassen sich aus den beobachtungen der praktischen landwirte für die bekämpfung des getreiderostes ziehen? Mitt. Deut. Landw. Ges. 43: 257-264. Mr.24, 1928. no.12.

Würtenberger, W.
Der bakterienbrand des tabaks. Mitt. Deut. Landw. Ges. 43: 271-272. Mr.24, 1928. no.12.

Nat. Hort. Mag. (Wash., D.C.)
Correvon, H.
Hardy cacti. Nat. Hort. Mag. 7: 47-51. illus. Ap.1928.
Trans. from "Les plantes des montagnes et des rochers" Geneva, 1914.

Duffy, S.R.
Tulips. Nat. Hort. Mag. 7: 41-45. Ap.1928. no.2.

Nat. Hort. Mag. (cont.)
Gersdorff, C.E.F.
Gladiolus developments. Nat. Hort. Mag. 7: 61-63. Ap.1928. no.2.

Lumsden, D.
Orchids, the royal family of plants. Nat. Hort. Mag. 7: 52-58. front. Ap.1928. no.2.

Nat. Nurserym. (Hatboro, Pa.)
Loftus, H.G.
The best hedges. Nat. Nurserym. 36: 110, 134. Ap.1928. no.4.

Naturforsch. (Berlin)
Kolb, R.
Eine merkwürdige adventivbildung. Naturforsch. 4: 604-606. illus. Mr.1928. no.12.
Sedum reflexum var. rupestre.

Neumann, M.
Pflanzenphysiologie. (cont.) Naturforsch. 4: 586-590. illus. Mr.1928. no.12.
14. Ueber die verschiedenartigkeit der vegetativen vermehrung bei Bryum argenteum (silbermoos)

Weiss, R.F.
Eine bemerkenswerte wuchsform von Arabis hirsuta. Naturforsch. 4: 606. Mr.1928. no.12.

New Zeal. Journ. Sci. & Techn. (Wellington, N.Z.)
Sladden, B & Falla, R. A.
Alderman Islands, a general description, with notes on the flora and fauna. New Zeal. Journ. Sci. & Techn. 9: 282-290. illus. F.1927. no.5.

Notes R. Bot. Gard. Edinb.
Smith, W.W. & Forrest, G.
The sections of the genus Primula. Notes Roy. Bot. Gard.Edinburgh. 16: 1-50. pl.ccxxiv-ccxxv. Mr.1928. no.76.
Primula handeliana, P. licentii, sp.nov.

Obst- u. Gemüseb. (Berlin)
Eissmann, E.
Feldversuche zur bestäubungsfrage mit verschiedenen kernobstsorten. Obst. u. Gemüseb. 74: 39-40. illus. Mr.14, 1928. no.3.

Obst. u. Gemüseb. (cont.)

Knippel, K.

Beobachtungen über frostbeschädigungen an obstbäumen. Obst. u. Gemüseb. 74: 41-42. illus. Mr.14,1928. no.3.

Nicolaisen, N.

Beogachtungen und feststellungen über wachtstumserscheinungen bei möhren. Obst. u. Gemüseb. 74: 37-38. illus. Mr.14,1928. no.3.

Parfums France. (Grasse)

N., R.

Lichens et mousse de chêne. Parfums France. 6: 34-46. illus. F.1928. no.60.

Evernia prunastri (oak moss or scented moss)

Perfum. & Essent. Oil Rec. (London)

Harcourt, F.G.

Lines in the West Indies. Work on withertip resistant varieties. Perfum. & Essent. Oil Rec. 19: 95-97. Mr.1928. no.3.

Thompson, C.J.S.

The cyclamen and its story. Perfum. & Essent. Oil Rec. 19: 104. Mr.1928. no.3.

Pflanzenbau. (Berlin)

Merkenschlager, F.

Vergleichende physiologie und pathologie der kulturpflanzen. Pflanzenbau. 4: 285-288. col. pl. Mr.15,1928. no.18.

Philipp. Journ. Sci. (Manilla)

Merrill, E.D.

Nomenclatural notes on Philippine plants. Philipp. Journ. Sci. 35: 1-9. Ja.1928. no.1.

Skvortzow, B.W.

Diatoms from Khingan, North Manchuria, China. Philipp. Journ. Sci. 35: 39-51. 5 pl. Ja.1928. no.1.

Phytopath. (Lancaster, Pa.)

Blood, H.L.

A "streak" of tomatoes produced by a disturbing principle from apparently healthy potatoes in combination with tomato mosaic virus. Phytopath. 18: 311. Mr.1928. no.3.

Phytopath. (cont.)

Chupp, C.
Club root in relation to soil alkalinity.
Phytopath. 18: 301-306. Mr.1928. no.3.

Ciferri,R.
Preliminary observations on sugar cane mycorrhizae and their relationship to root diseases.
Phytopath. 18: 249-261. Mr.1928. no.3.

Goldsworthy, M.C.
The production of agglutinins by phytopathogenic bacteria. Phytopath. 18: 277-288. Mr.1928. no.3.

Goss, R.W.
Varietal susceptibility of potatoes to Fusarium wilt and stem-end rot. Phytopath. 18: 307-309. Mr.1928. no.3.

Riker, A.J.
Notes on the crowngall situation in England, France and Holland. Phytopath. 18: 289-294. illus. Mr.1928. no.3.

Rodenhiser, H.A.
Experiments on the control of barley stripe.
Phytopath. 18: 295-300. Mr.1928. no.3.

Stewart, G. & Pittman, D.W.
Predisposition of sugar-beets to late rootrot.
Phytopath. 18: 263-276. illus. Mr.1928. no.3.

Pineapple News (Honolulu)

Godfrey,G.H.
The susceptibility of certain grasses to nematodes.
Pineapple News. 2: 42. Mr.1928. no.3.
Tylenchus & Dorylaimus.

Illingworth, J.F.
Further notes on the biological cause of wilt.
Pineapple News. 2: 23. F.1928. no.2.

Plant Physiology.

Beaumont, J.H., Willaman, J.J. & DeLong, W.A.
Notes on apparatus for low temperature respiration studies. Plant Physiology. 2: 487-495. illus. O.1927. no.4.

Plant Physiology (cont.)

Christensen, L.M. & Fulmer, E.I.
A modified Kjeldahl method for the determination of the nitrogen content of yeast. Plant Physiology. 2: 455-460. O.1927. no.4.

Kennedy, P.B. & Crafts, A.S.
The application of physiological methods to weed control. Plant Physiology. 2: 503-506. O. 1927. no.4.

Murneek, A.E. & Yocum, W.W.
A modified Van Tieghem cell for physiological studies of pollen germination. Plant Physiology. 2: 506-507. illus. O.1927. no.4.

Rose, D.H. & Hurd-Karrer, A.M.
Differential staining of specialized cells in Begonia with indicators. Plant Physiology. 2: 441-453. illus. O.1927. no.4.

Sheard, C. & Higgins, G.M.
The influence of direct irradiation by a quartz mercury arc lamp upon the germination and growth of certain seeds. Plant Physiology. 2: 461-473. O.1927. no.4.

Shull, C.A. & Thone, F.
The first International congress of soil science. Plant Physiology. 2: 369-383. O.1927. no.4.

Swanback, T.R.
The effect of boric acid on the growth of tobacco plants in nutrient solutions. Plant Physiology. 2: 475-486. illus. O.1927. no.4.

Tottingham, W.E.
The determination of peptide and basic forms of nitrogen. Plant Physiology. 2: 497-502. O.1927. no.4.
Sect. V. of the report of the Committee on Methods of chemical analysis of the Amer.Soc. Plant Physiologists. W.E. Tottingham, chairman.

Wilson, J.D.
The measurement and interpretation of the water-supplying power of the soil with special reference to lawn grasses and some other plants. Plant Physiology. 2: 385-440. O.1927. no.4.

Planta, Arch.Wiss. Bot. (Berlin)

Dostál, R.
Ueber die tangentiale polarität der Betawurzel als folge der torsion ihrer zuwachszonen. Planta, Arch. Wiss. Bot. 5: 325-339. illus. Mr.1928. no.2.

Guttenberg, H.von.
Die harzdrüsen von Lysimachia vulgaris L. Planta, Arch. Wiss. Bot. 5: 232-238. illus. Mr.1928. no.2.

Laibach, F.
Ueber zellfusionen bei pilzen. Planta, Arch. Wiss. Bot. 5: 340-359. illus. Mr.1928. no.2.

Schumacher, W.
Ein beitrag zur kenntnis des stoffwechsels panaschierter pflanzen. Planta, Arch. Wiss. Bot. 5: 161-231. Mr.1928. no.2.

Tausson, W. O.
Die oxydation des phenanthrens durch bakterien. Planta, Arch. Wiss. Bot. 5: 239-273. illus. Mr. 1928. no.2.

Ullrich, H. & Ruhland, W.
Mikrorespirometrische untersuchungen an höheren pflanzen I- Planta, Arch. Wiss. Bot. 5: 360-380. Mr.1928.

Umrath, K.
Ueber die erregungsleitung bei sensitiven pflanzen, mit bemerkungen zur theorie der erregungsleitung und der elektrischen erregbarkeit im allgemeinen. Planta, Arch. Wiss. Bot. 5: 274-324. illus. Mr.1928. no.2.

Prakt. Blätt. Pflanzenb. u. Pflanzensch. (Freising)

Böning, K.
Beobachtungen aus der praxis über die wechseln wechselnde ausprägung der merkmale der mosaikkrankheit der kartoffel im verlaufe der vegetationszeit. Prakt. Blätt. Pflanzenb. u. Flanzensch. 5: 308-315. illus. Mr.1928. no.12.

V.10, no.8, p.27.

Proc. Nat.Acad. Sci.

Kostoff,D.

Induced immunity in plants. Proc.Nat. Acad.Sci. 14: 236-237. Mr.1928. no.3.

Experiments with Solanaceae.

Reed, H.S.

Intra-seasonal cycles of growth. Proc. Nat. Acad. Sci. 14: 221-228. Mr.1928. no.3.

Investigations with lemons.

Satina, S. & Blakeslee, A.F.

Studies on the biochemical differences between sexes in Mucors.4. Enzymes which act upon carbohydrates and their derivatives. Proc. Nat. Acad. Sci. 14: 229-235. Mr.1928. no.3.

Proc. Ohio Acad. Sci.

Moseley, E.L.

Flora of the oak openings west of Toledo. Proc. Ohio Acad. Sci. 8: 81-134. Mr.1928. no.3.

Special paper no.20.

Progr. Agr. & Vitic. (Montpellier)

Kuhnholtz-Lordat, G.

Les chloroses. Progr. Agr. et Vitic. 89: 310-312. Mr.25, 1928. no.13.

Progreso Agr. y Pec. Madrid.

Valeriano Finat, Miguel de

Las tierras ácidas y su influencia sobre la vegetación. Progreso Agr. y Pec. 34: 204-206. Mr.22,1928. no.1527.

Publ. Fac. Sci. Univ. Masaryk. (Brno)

Augusta, J.

Asterophyllites dumasi Zeiller var. moravicus nov. var. z permu Boskovické Brázdy (Asterophyllites dumasi Zeiller var. moravicus nov.var. du permien de la fosse de Boskovice.). Publ. Fac. Sci. Univ. Masaryk. 1926, no. 79. 12 p. illus. [1927] (Rec'd Ap.1928)

French résumé. p.10-12.

Publ. Min. Zeměd. Czecho-Slov. Rep.

Čech, L.

Nauka o pěstování ovocného stromoví. Publ. Min. Zeměd. Czechoslov. Rep. 70. 420 p. illus. col.pl. 1927 (Rec'd Ap.1928)

I. Skolkařstvi. II. Sadařstvi.

Culture of fruit trees (I. Nursery. II. Planting)

V.10, no.8, p.28.

Quart. Journ. Indian Tea Assoc. (Calcutta)

Tunstall, A.C.
The influence of manuring on susceptibility of tea leaves to brown blight (Glomerella cingulata) at Borbhetta. Quart. Journ. Indian Tea Assoc. 1927: 183-186. (Rec'd Ap.1928) no.4.

Tunstall, A.C.
The influence of plucking on the susceptibility to common fungus diseases of tea leaves. Quart. Journ. Indian Tea Assoc. 1927: 187-188. (Rec'd Ap.1928) no.4.

Tunstall, A.C.
Vegetable parasites of the tea plant. The blights (cont.) Quart. Journ. Indian Tea Assoc. 1927: 173-182. (Rec'd Ap.1928) no.4.

Rep. Agr. Dept. Bihar. & Orissa.

Basu, S.K.
[Annual report of work done in] Botanical section for the period from the 1st April 1926 to the 31st March 1927. Rep. Agr. Dept. Bihar & Orissa. 1926/27:20-21 1927 (Rec'd Ap.1928)

Rep. Agr.Dept.Dominica.

Dominica. Agricultural dept.
Work connected with insect and fungus pests and their control. Its Report 1926/27: 5-7. 1928.
Red root diseases of limes (Sphaerostilbe sp.) - Panama disease - Sphaeronema black spot & bark rot of cocoa.

Rev. Bot. Appl. (Paris)

Blaringhem, L.
L'oeuvre de Charles Sprague Sargent à l'Arnold Arboretum de Boston (Etats-Unis). Rev. Bot.Appl. 8: 97-105. F.1928. no.78.

Brétignière, L.
La destruction des mauvaises herbes. Rev. Bot. Appl. 8: 116-119. F.1928. no.78.

Chevalier, A.
Les agaves comme producteurs de fibres et d'alcool. Rev. Bot. Appl. 8: 105-116. F.1928. no.78.

Rev. Bot. Appl. (cont.)

Chevalier, A.
Révision des Acacias du Nord, de l'Ouest et du Centre africain (cont.) Clef dichotomique des espèces d'Acacia du Nord de l'Ouest et du Centre africain. Rev. Bot. Appl. 8: 123-130. F.1928. no. 78.

Rev. Gén. Bot. (Paris)

Aubel, E. & Genevois, L.
Les oxydo-réductions (cont.) Rev. Gén. Bot. 40: 184-189. Mr.1928. no.471.

Chemin, E.
Sur l'état de l'iode chez quelques floridées. Rev. Gén. Bot. 40: 129-145. Mr.1928. no.471.

Davy de Virville, A.
L'action du milieu sur les mousses (concl.) Rev. Gén. Bot. 40: 156-173. illus. Mr.1928. no.471.

Lubimenko, V.
Les pigments des plastes et leur transformation dans les tissus vivants de la plante (cont.) Rev. Gén. Bot. 40: 146-155. Mr.1928. no.471.

Magrou, J.
La symbiose chez les plantes supérieures (cont.) Rev. Gén. Bot. 40: 174-183. illus. Mr.1928. no.471.

Rev. Hort. (Paris)

Arranger, C.
M. Ad. van den Heede. Rev. Hort. 100: 59. port. Mr.10, 1928. no.3.

Guillaumin, A.
Les cactées, principales espèces. Rev. Hort. 100: 61-64. illus. Mr.10,1928. no.3.

Lesourd, F.
Les plus gros arbres de France. Première partie. Feuillus. (cont.) Rev. Hort. 100: 64-65. Mr.10, 1928. no.3.

Meunissier, A.
Astilbe chinensis pumila. Rev. Hort. 100: 68-69. col.pl. Mr.10,1928. no.3.

Rev. Hort. Algérie (Alger)

Trabut, L.
Les haies. Rev. Hort. Algérie. 32: 31-35. F.1928. no.2.

Riv. Patol. Veg. (Pavia)
Montemartini, L.
Note di fitopatologia. Riv. Patol. Veg. 18: 1-7. Ja./F.1928. no.1/2.
1. Avvizimento dell' Impatiens balsimina L. 2. Mal bianco e Cicinnobolus sopra foglie di acanto. 3. Mal bianco del carrubo.

Science. (Lancaster, Pa.)
Beaumont, A.B. & Larsinos, G.J.
Method for growing small-seeded plants under sterile conditions. Science. 67: 350-351. Mr.30, 1928. no.1735.
Experiments with tobacco.

Scient. Agr. (Ottawa)
DeLong, W.A.
Pentosan content in relation to winter hardiness in the apple. Scient. Agr. 8: 512-523. Ap. 1928. no. 8.

Harrington, J.B.
The effect of harvesting rusted wheat early. Scient. Agr. 8: 481-491. illus. Ap.1928. no.8.

Saunders, C.E.
The development of the wheat kernel. Scient. Agr. 8: 524-531. Ap.1928. no. 8.

Simmonds, P.M. & Scott, G. A.
Seed treatments for the control of seedling blight in cereals. Scient. Agr. 8: 502-511. illus. Ap.1928. no. 8.

South African Gard. (Johannesburg)
Bolus, L.
South African succulents: Mesembrianthemum and allied genera (cont.) Cryophytum. South African Gard. 18: 83-84. Mr.1928. no.3.

South. Flor.(Fort Worth, Tex.)
Ruth, A.
The early spring flowers of Texas. South. Flor. 24(26): 13-14. Mr.30, 1928. no.26.

Successful Farm. (Des Moines, Ia.)
Burger, A.A.
Corn root rot. Successful Farm. 26(4): 11, 25. illus. Ap.1928.

Succulenta (Leeuwarden)
Karsten, M.
Hoogsucculente mesembrianthema (cont.)
Succulenta. 10: 61-66. illus. Ap.1928.
no.4.

Sver. Utsädesför. Tidskr. (Svålof)
Åkerman, A.
Svalöfs fuldregnshavre II. Ny sort av guldregnstyp. Overlägsen gamla guldregn i avkastningsförmaga och kärnkvalitet. Sver. Utsädesför. Tidskr. 38: 6-26. illus. 1928. no. 1.

Tedin, H.
Kärnbaskaraktärens genetik och densammas förhallande till axtätheten hos korn. Sver. Utsädesför. Tidskr. 38: 42-45. 1928. no. 1.

Tidsskr. Landøkonomi.
Larsen, H.C.
Erik Lindhard (19. Juni 1873 - 15. Marts 1928).
Tidsskr. Landokonomi. 1928: 215-220. port.
no.4.

Tijdschr. Plantenz. (Amsterdam)
Botjes, J.G.O.
Zwartbeenigheid van de aardappelplant.
Tijdschr. Plantenz. 34: 91-105. Mr.1928. no.3.

Koning, M.de.
Zieke Douglasdennen. Tijdschr. Plantenz.
34: 109-110. Mr. 1928. no.3.

Verhoeven, W.B.L.
Overgang van ringvuur (Verticillium alboatrum) bij aardappelen met de knollen. Tijdschr. Plantenz.
34: 106-108. Mr.1928. no.3.

Timberman(Portland, Ore.)
Hubert, E.E.
Blister rust situation. Timberm. 29(5): 50.
Mr. 1928.

Trans. Acad. Sci. St.Louis.
Robertson, C.
Florida flowers and insects. Trans. Acad. Sci St.Louis. 25: 277-324. S.1927.(Rec'd.Ap.1928) no.8.

Trans. Brit. Mycol. Soc. (London)

Ashby, S.F.
The oospores of Phytophthora nicotianae Br. de Haan, with notes on the taxonomy of P. parasitica Dastur. Trans. Brit. Mycol. Soc. 13: 86-95. illus. Mr.1928. no.1/2.

Brooks, F.T.
On the occurrence on Phacidiella discolor (Mout. & Sacc.) potebnia in England. Trans. Brit. Mycol. Soc. 13: 75-81. illus. Mr.1928. no.1/2.
Phacidiella discolor associated with die-back & canker of apple trees. Fuckelia conspicua & Pyrenochaeta furfuracea identical with the pycnidical stage of this fungus, also the fungus described by Southee & Brooks and provisionally identified as Cytosporella fructorum in Trans, Brit. Mycol. Soc. v.11, p.213.

Dowson, W.J.
On an extraordinary Botrytis causing a disease of narcissus leaves. Trans. Brit. Mycol. Soc. 13: 95-102. illus., pl.iv. Mr.1928. no.1/2.
Name B. polyblastis proposed.

Pearson, A.A.
New British heterobasidiae. Trans. Brit. Mycol. Soc. 13: 69-74. illus. Mr.1928. no.1/2.
Sebacina subhyalina, n.sp.

Petch, T.
Brown thread blight. Trans. Brit. Mycol. Soc. 13: 142-143. Mr.1928. no.1/2.
Marasmius byssicola, n.sp.

Petch, T.
Mutinus bambusinus (Zoll.) Ed. Fischer. Trans. Brit. Mycol. Soc. 13: 142. Mr.1928. no.1/2.

Sampson, K.
Comparative studies of Kabatiella caulivora (Kirchn.) Karak. and Colletotrichum trifolii Bain and Essary, two fungi which cause red clover anthracnose. Trans. Brit. Mycol. Soc. 13: 103-142. illus., pl.v-vii. Mr.1928. no.1/2.

Small, W.
On Rhizoctonia bataticola (Taub.) Butler as a cause of root disease in the tropics. Trans. Brit. Mycol. Soc. 13: 40-68. pl. ii-iii. Mr.1928. no.1/2.

Trans. Brit. Mycol. Soc. (cont.)

Whetzel, H. H. & Jackson, H.S.
The rusts and smuts of Bermuda. Trans. Brit. Mycol. Soc. 13: 1-32. Mr.1928. no.1/2.

Wilson, M.
Successional disease in the Scots pine. Trans. Brit. Mycol. Soc. 13: 81-85. Mr.1928. no.1/2.
Succession of diseases probably initiated by bad planting; Fomes annosus, bark beetles & Ceratostomella pini.

Wormald, H.
The parasitism of the hop leaf-spot fungus Cercospora cantuariensis. Trans. Brit. Mycol. Soc. 13: 32-39. illus., pl. i. Mr.1928. no.1/2.

Trans. Illinois State Hort. Soc.

Anderson, H. W.
Apple scab control in northern Illinois. Trans. Illinois State Hort. Soc. 61: 282-293. 1928.

Anderson, H.W.
Cherry leaf spot. Trans. Illinois State Hort. Soc. 61: 119-123. 1928.

Anderson, H.W.
Our fruit disease situation in 1927. Trans. Illinois State Hort. Soc. 61: 111-119. 1928.

Ballou, F.H.
Recent developments in spraying and dusting apple orchards. Trans. Illinois State Hort. Soc. 61: 123-145. 1928.

Colby, A. S.
Ornamental shrubs bearing edible fruit. Trans. Illinois State Hort. Soc. 61: 365-370. 1928.

Pierce, L.
Brown rot and shothole. Trans. Illinois State Hort. Soc. 61: 405-418. 1928.

Strubinger, L.H.
Ripening fruits and vegetables with ethylene. Trans. Illinois State Hort. Soc. 61: 185-190. 1928.

Weaver, B.L.
Disease resistant vegetables. Trans. Illinois State Hort. Soc. 61: 311-316. 1928.

Tropenpfl. (Berlin)

Jüngst, T.

Neues schrifttum über die ölpalme. Tropenpfl. 31: 103-109. Mr.1928. no.3.

Trop. Agr. (Ceylon) (Peradeniya)

Bertus, L.S.

A dieback of tea seedlings. Trop. Agr. Ceylon. 70: 80-84. pl. F.1928. no.2.

Rhizoctonia solani.

Haigh, J.C.

Macrophomina phaseoli (Maubl.) Ashby. The pycnidial stage of Rhizoctonia bataticola (Taub.) Butler. Trop. Agr.Ceylon. 70: 77-79. pl. i. F.1928. no.2.

Trop. Agriculture. West Indies. (Trinidad)

Briton-Jones, H.R.

West Indies root disease. Trop. Agr. West Indies. 5: 79-82. Ap.1928. no.4.

Root disease in the British West Indies and a note on Diaporthe perniciosa Marchal or a closely related species.

Macrophomina phaseoli.

Trudy Prikl. Bot. Gen. i Selsk. (Bull. Appl. Bot. Gen. & Plant Breed.) (Leningrad)

Korsakov, K.D.

... Bibliography of tea, from 1589 to 1926 inclusive. Trudy Prikl. Bot., Gen. i Sel. (Bull. Appl. Bot., Gen.& Plant Breed.) 18(3): 273-473. 1928.

Russian with English summary.

Palibin, I.V.

... The tea plant from the botanical and the economical point of view. Trudy Prikl.Bot.,Gen.i Sel. (Bull. Appl. Bot., Gen. & Plant Breed.) 18(3): 3-16. illus. 1928.

Russian with English summary.

Pokrovsky, V.N.

... The vegetation of the tea shrub in Georgia. Trudy Prikl. Bot.,Gen. i Sel.(Bull. Appl. Bot., Gen. & Plant Breed.) 18(3): 17-26. illus. 1928.

Russian with English summary.

U.S. Dept.Agr.Circ.

Griffiths, D.

A score of easily propagated lilies. U.S. Dept. Agr. Circ.23. 35 p. illus., 8 pl. Mr.1928.

Russell, P.

Japanese flowering cherries. U.S. Dept. Agr.Circ. 31. 8 p. 5 pl. Mr.1928.

U.S. Dept.Agr. Farm. Bull.
Waterman, A.M.
Rose diseases: their causes and control.
U.S. Dept. Agr. Farm.Bull. 1547. 19 p. illus.
F.1928.

U.S. Dept. Agr. Misc. Publ.
Tapke, V.F.
Formaldehyde seed treatment for oat smuts.
U.S. Dept. Agr. Misc. Publ. 21. 4 p. illus.
1928.

U.S. Dept. Agr.Techn. Bull.
Marsh, C.D., Clawson, A.B. & Roe, G.C.
Coyotillo (Karwinskia humboldtiana) as a poisonous plant. U.S. Dept. Agr. Techn. Bull. no.29.
26 p. illus. F.1928.

Věstník Českosl. Akad. Zeměd. (Praha)
Ružička, J.
O hnilobě lesních stromů (Ueber die faülnis der waldbäume). Věstnik Českosl. Akad. Zeměd. 4: 8-9. Ja.1928. no.1.
German summary.

Vie Agr. et Rur. (Paris)
Diffloth, P.
Les maladies du chou et des crucifères. Vie Agr. et Rur. 32: 199-201. illus. Mr.25, 1928.
no.13.

Zeitschr. Pflanzenernähr. Düng. u. Bodenk. A.Wiss.Teil.
Hasse, P. & Kirchmeyer, F.
Die bedeutung der bodenatmung für die CO_2-ernährung der pflanzen. Zeitschr. Pflanzenernähr. Düng. u. Bodenk. A.Wiss. Teil. 10: 257-298. illus.
1928. no.5/6.

Meyer, R. & Storck, A.
Ueber den pflanzenertrag als funktion der stickstoffgabe und der wachstumszeit bei hafer.
Zeitschr. Pflanzenernähr. Düng. u. Bodenk. A. Wiss. Teil. 10: 329-347. 1928. no.5/6.

Nehring, K.
Ueber die beziehungen zwischen pflanzenwachstum und bodenreaktion unter dem einfluss verschiedener düngemittel und kalkgaben. Zeitschr. Pflanzenernähr. Düng. u. Bodenk. A.Wiss. Teil. 10: 348-366.
1928. no.5/6.

Zeitschr. Sukkulentk. (Berlin)

Bödeker, F.
Zwei neue coryphanthen. Zeitschr. Sukkulent. 3: 205-208. illus. Mr.1928. no.10.
Coryphantha unicornis, C. vaupeliana, sp.n.

König, G.
Echinocereus subinermis S-D. Zeitschr. Sukkulent. 3: 218-219. col.pl. Mr.1928. no.10.

Maass, C.A.
Opuntia crinifera Pfeiffer. Zeitschr. Sukkulent. 3: 197-201. illus. Mr.1928. no.10.

Tischer, A.
Aus N.E. Browns Mesembrianthemum-studien. Zeitschr. Sukkulent. 3: 219-227. Mr.1928. no.10.

Tischer, A.
Conophytum globuliforme Schick. u. Tischer. spec. nov. Zeitschr. Sukkulent. 3: 202-203. Mr. 1928. no.10.

Exper. Stat. Publ.

Crider, F.J.
Effect of phosphorus in the form of acid phosphate upon maturity and yield of lettuce. Arizona Agr. Exp. Stat. Bull.121. p. 121-142. illus. Jl.15,1927 (Rec'd Ap.1928)

Hawkins, R.S.
Variations of water and dry matter in the leaves of Pima and Acala cotton. Arizona Agr. Exp. Stat. Techn. Bull. 17. p.419-444. N.1927 (Rec'd Ap.1928)

Jones, H.A. & Robbins, W.W.
The asparagus industry in California. California Agr. Exp. Stat. Bull. 446. 105 p. illus. Ja.1928. (Rec'd Ap.)
Fungus diseases: p. 89-96.

Reddick, D.
Building up resistance to diseases in beans. Cornell Agr. Exp. Stat. Mem. 114. 15 p. Mr.1928.

Burnett, L.C.
Iogold oats. Iowa Agr. Exp. Stat. Bull. 247. p. 187-198. illus. F.1928.

Exper. Stat. Publ.(cont.)

Barnett, R.J.
Grape growing in Kansas. Kansas Agr. Exp. Stat. Circ.134. 32 p. illus. Ja.1928.(Rec'd Ap.)
Grape diseases: p.29-30.

Johnston, C.O. & Melchers, L.E.
The control of sorghum kernel smut and the effect of seed treatments on vitality of sorghum seed. Kansas Agr. Exp. Stat. Techn.Bull. 22. 37 p. F. 1928.

Latshaw, W.L. & Zahnley, J.W.
Killing field bindweed with sodium chlorate. Kansas Agr. Exp. Stat. Circ. 136. 15 p. illus. Mr.1928.
Convolvulus arvensis.

McCool, M.M.
Study made of root development of legumes. Soil types and thickness of stand affect the root development of crops. Michigan Agr. Exp.Stat. Quart. Bull. 10: 131-135. illus. F.1928. no.3.

Scott, I.T.
Varietal resistance and susceptibility to wheat scab. Missouri Agr. Exp. Stat. Res.Bull. 111. 14 p. N.1927 (Rec'd Ap.1928)

Spraying and dusting recommendations for apples. New Jersey Agr. Exp. Stat. Circ.209. 4 p. F.1928.

Rogers, W.B. & Warner, J.D.
Corn variety and fertilizer experiments. South Carolina Agr.Exp. Stat. Bull. 248. 38 p. Mr.1928.

Cummings, M.B. & Jenkins, E.W.
Pure line studies with ten generations of Hubbard squash. Vermont Agr. Exp. Stat. Bull.280. 29 p. 2 pl. Ja.1928.(Rec'd Ap.)

Gershoy, A.
Studies in North American violets. I- Vermont Agr. Exp. Stat. Bull. 279. 18 p. Ja.1928.(Rec'd Ap.)

Exper. Stat. Publ. (cont.)

Hough, W.S.
Orchard spraying and spray equipment. Virginia Agr.Exp. Stat. Bull.260. 12 p. illus. F.1928.

Locklin, H.D.
Culture of Christmas holly. Washington Agr. Exp. Stat. Bull. n.s., 7-W. 25 p. illus. Ja.1928.(Rec'd Ap.)

State Publications.

Poulsen, H.W.
Unusual vegetables grown in California. Month. Bull.Dept. Agr. California. 17: 216-221. illus. Mr.1928. no.3.

New Books.

Abrial, Cl.
Manuel pratique pour la culture des plantes médicinales en France. Paris, J.-B. Baillière et fils, 1928.

Appel, O.
The diseases of sugar beet. English ed., ed. by R.N. Dowling... transl. by C. Leslie Wood. London, E. Benn, 1927.

Brause, G.
Die farnpflanzen (Pteridophyta) ... neu bearb. von H. Andres... 2. verb. und stark verm. aufl. Berlin, J. Springer, 1926 (Kryptogamenflora für anfanger... Begründet von G. Lindau fortgesetzt von R. Pilger. 6. bd. Die torf- und lebermoose und farnpflanzen von W. Lorch)

Bresadola, J.
Iconographia mycologia III-IV. pl. 101-200. Mediolano, 1928.

Correns, C.
Bestimmung, vererbung und verteilung des geschlechtes bei den höheren pflanzen. Berlin, Borntraeger, 1928 (Handbuch der vererbungswissenschaft hrsg. von E. Baur & M. Hartmann bd.2, C (lfg.3)

New Books (cont.)

Denny, F.E.
Suggestions for experimental chemical treatments for hastening the sprouting of dormant potato tubers. Washington, Mr. 1928.
Mimeographed publication of Office of Horticulture, Bureau of Plant Industry, U.S.Department of Agriculture.
Treatments with ethylene chlorhydrin & sodium thiocyanate.

Federley, H.
Das inzuchtproblem. Berlin, Borntraeger, 1928. (Handbuch der vererbungswissenschaft hrsg. von E. Baur & M. Hartmann. bd.2, I (lfg.4,1)

Gibbs, L.
Common Hongkong ferns. Hongkong, Kelly & Walsh,1927.

Harris, J.A.
Activities of the Department of botany, University of Minnesota,1926. Minneapolis, 1927. (Rec'd Ap.1928)

Hegi, G.
Illustrierte flora von Mittel-Europa v.5, pt.1, 3; v.6, pt.1. München, J.F. Lehmanns verlag [1927]

Kolbe, R.W.
Studien über die diatomeenflora des Sperenberger salzgebiets. Jena, 1926.
Inaug.-diss. Berlin.

Kupper, W.
Das kakteenbuch. Berlin-Westend, Gartenschönheit, 1928.

Lehmann, E.
Selbststerilität, heterostylie. Berlin, Borntraeger, 1928 (Handbuch der vererbungswissenschaft hrsg. von E. Baur & M. Hartmann, bd.2, J (lfg.4,2)

Mattoon, W.R. & Phillips, G.R.
Forest trees of Oklahoma. [n.p., 1927] (Publ. no.1, Oklahoma For.Comm.)

New Books (cont.)

Seale-Hayne agricultural college, Newton Abbot, Devon - Dept. of plant pathology.
Annual report 4th, 1926/27. Its Pamph. no. 25. 29 p. 1927(Rec'd 1928)
A. Beaumont advisory mycologist.

Société pomologique de France
Catalogue descriptif des fruits adoptés par le Congrès pomologique. Villefranche, Impr. du Réveil du Beuajolais, 1927.

Thorenaar, A.
Onderzoek naar bruikbare kenmerken ter identificate van boomen naar hun bast. Wageningen H. Veenman & zonen, 1926.
Proefschr. Wageningen.

Voss, A.
Botanisches hilfs- und wörterbuch für gärtner, gartenfreunde und pflanzenliebhaber... 7. verm. u. verb. aufl. Berlin, P.Parey, 1927.

Waugh, F.A.
Hardy shrubs, a simple handbook of practical information. N.Y., O. Judd,1928.

Wilson, E.H.
More aristocrats of the garden. Boston, Stratford Co., 1928.

Reprints from Journals not yet rec'd or not available.

Kobel, F.
Zytologische untersuchungen an prunoideen und pomoideen. Reprinted from Arch. Julius-Klaus Stift. Vererbungsforsch., Sozialanthropol. u. Rassenhyg. 3:1-84. illus. 1927.

Muro-hide, Ko.
Ueber den ort der in dem wurzelspitzengewebe von Vicia faba gebildeten röntgengeschwulst. Reprinted from "Gann", Nippon. (Zeitschr.Krebsforsch.) 22: 1-14. pl. vi-vii. 1928.

Quanjer, H.M.
Bridging hosts. Reprinted from Rec. Trav. Bot. Néerl. 25: 250-259. 1928.

Correction

List v.10, no.2, p.4 Under Arch. Protistenk. volume should read 60 instead of 76.

BOTANY
CURRENT LITERATURE

ADDITIONS TO THE BOTANICAL CATALOGUE, BUREAU OF PLANT INDUSTRY,
COMPILED FROM PUBLICATIONS RECEIVED IN THE
LIBRARY OF THE UNITED STATES DEPARTMENT OF AGRICULTURE, WASHINGTON, D. C.

V.10, no.9 Apr. 16-28, 1928.

Addisonia, (N.Y.)

Addisonia. v.13, no. 1. Mr.1928.
Erlangea tomentosa. p.1-2. col.pl. 417.
Uva-ursi uva-ursi. p.3-4. col.pl. 418.
Buddleia asiatica. p.5-6. col.pl.419.
Basella rubra. p.7. col.pl.420.
Viburnum carlesii. p.9-10. col.pl.421.
Verbena hastata. p.11-12. col.pl.422.
Trachymene coerulea. p.13-14. col.pl.423.
Ligularia kaempferi aureo-maculata. p.15-61. col.pl.424.

Agr. y Zootecn. (Hahana)

Precauciones para evitar la enfermedad de "Panamá" en los bananos. Agr. y Zootecn. (Habana) 7: 231-232. illus. Mr.1928. no.6.

Amer. Fern Journ.

Kenoyer, L.A.
Fern ecology of Barro Colorado Island, Panama Canal Zone. Amer. Fern Journ. 18: 6-14. illus. Ja./Mr. 1928. no. 1.

Kobbé, F.W. & Davis, W.A.
A note on Asplenium pinnatifidum Nuttall. Amer. Fern Journ. 18: 21-23. Ja./Mr.1928. no. 1.

Maxon, W. R.
New tropical American ferns IV. Amer. Fern Journ. 18: 1-6. Ja./Mr.1928. no.1.

Schaffner, J.H.
Collecting horsetails along the way. Amer. Fern Journ. 18: 14-21. Ja./Mr.1928. no.1.
Equisetum sp.

Weatherby, C. A.
Imperfectly circinate vernation in ferns. Amer. Fern Journ. 18: 31-32. Ja./Mr. 1928. no.1.
Correction.

Amer. Journ. Bot.

Arnold, C. A.
The development of the perithecium and spermagonium of Sporormia leporina Niessl. Amer.Journ. Bot. 15: 241-245. pl.xv-xvi. Ap.1928. no.4.

Amer. Journ. Bot. (cont.)

Deuber, C.G.
Mineral nutrition and chlorophyll development in seedlings. Amer. Journ. Bot. 15: 271-276. pl. xvii. Ap. 1928. no.4.

Eames, A.J. & Wilson, C.L.
Carpel morphology in the Cruciferae. Amer. Journ. Bot. 15: 251-270. illus. Ap.1928. no.4.

Munz, P.A.
Studies in Onagraceae I- Amer. Journ. Bot. 15: 223-240. Ap.1928. no.4.
I. A revision of the subgenus chylismia of the genus Oenothera.

Styer, J.F.
Preliminary study of the nutrition of the cultivated mushroom. Amer. Journ. Bot. 15: 246-250. Ap. 1928. no.4.
Agaricus campestris.

Ann. Mus. Colon. Marseille.

Choux, P.
Les Cynanchum à feuilles de Madagascar. Ann. Mus. Colon. Marseille. 35(2): 5-74. xvi pl. on 8. 1927 (Rec'd Mr.1928)

Jumelle, H.
Ravenea et Louvelia, palmiers de Madagascar. Ann. Mus. Colon. Marseille. 35(1): 31-51. 3 pl. 1927. (Rec'd Mr.1928)

Jumelle, H.
Les Vonitra, palmiers de Madagascar. Ann.Mus. Colon. Marseille. 35(1): 5-19. 3 pl. 1927.(Rec'd Mr.1928)

Ann. So.Afr.Mus.

Du Toit, A.L.
The fossil flora of the upper Karroo beds. Ann. So.Afr. Mus. 22: 289-420. illus. pl.xvi-xxxii. D.1927(Rec'd Ap.1928) no.2.

Ann.Agr. Suisse (Berne)

Faes, H. & Staehlin, M.
La maladie criblée du cerisier (Clasterosporium carpophilum) et la tavelure (Fusicladium dentriticum-pirinum) des pommes et poires. Ann. Agr. Suisse. 29: 83-92. illus. 1928. no.1.

Ann. Rep. Brooklyb Bot. Gard.

Graves, A.H.
Forest pathology. Ann. Rep. Brooklyn Bot. Gard. 17(1927): 49-52. Ap.1928 (Brooklyn Bot. Gard. Rec. v.17,pt.2)

Reed, G.M.
Plant pathology. Ann. Rep. Brooklyn Bot. Gard. 17(1927): 43-49. Ap.1928 (Brooklyn Bot. Gard. Rec. v.17, pt.2)

Ann. Rep. State Hort. Soc. Michigan (Lansing)

Bennet, C.W.
The dead arm disease of grapes. Ann. Rep. State Hort. Soc. Michigan. 57: 22-26. 1927 (Rec'd Mr.1928)

Dutton, W.C.
Spray calendar for 1927. Ann. Rep. State Hort. Soc. Michigan. 57: 89-103. 1927 (Rec'd Mr.1928)

Hartzell, F.Z.
Dust versus sprays for the control of grape insects and diseases. Ann. Rep. State Hort. Soc. Michigan. 57: 11-22. 1927 (Rec'd Mr.1928)

Johnston, S.
Pollination, an important factor in successful pear production. Ann. Rep. State Hort. Soc. Michigan. 57: 196-199. 1927 (Rec'd Mr. 1928)

Mandenburg, E.C.
Compulsory eradication of little peach and peach yellows. Ann. Rep. State Hort. Soc. Michigan. 57: 66-70. 1927 (Rec'd Mr.1928)

Ruth, W.A.
Some apparent apple tree and soil moisture relationships. Ann. Rep. State Hort. Soc. Michigan. 57: 119-130. 1927 (Rec'd Mr.1928)

Arch. Escola Sup. Agr. e Med. Veter. Rio de Janeiro.

Sampaio, A.J.de & Mello Leitão, C.F.de.
Hortus didacticos e sua organisação. Arch. Escola Sup. Agr. e Med. Veter. Rio de Janeiro. 8: 1-56. D.1927 (Rec'd Ap.1928) no.1/2.

Austral. Sugar Journ. (Brisbane)
Wood, E.J.F.
Fiji disease in southern districts. Austral. Sugar Journ. 19: 730-733. Mr.8, 1928. no.12.

Bergcultures.
Overzicht der ziekten en plagen van thee, cacao, groenbemesters enz. gedurende het jaar 1927. Bergcultures. 2: 1133-1136. Mr.17, 1928. no.38.

Overzicht van de ziekten en plagen bij koffie in het jaar 1927. Bergcultures. 2: 1137-1138. Mr.17, 1928. no.38.

Better Homes & Gard. (Des Moines, Ia.)
Gregory, C. T.
Simple remedies for sick plants. Control measures must be taken in early spring. Better Homes & Gard. 6(9): 27, 97. illus. My.1928.

Huttenlocher, F.
A garden of shade-loving plants. Better Homes & Gard. 6(9): 14-15, 116-117. illus. My. 1928.

Biochem. Zeitschr. (Berlin)
Gracanin, M.
Ein beitrag zur zinkfrage in der pflanzenbiochemie. Biochem. Zeitschr. 194: 215-230. Mr. 1928. no. 1/3.

Stoklasa, J. & Pěnkava, J.
Biologie des uraniums. Biochem. Zeitschr. 194: 15-77. illus. Mr.1928. no.1/3.
Unter mitwirkung von Filz, Zdobnický, Sebor, Strupl und Strádal.

Virtanen, A.I.
Ueber die einwirkung der bodenazidität auf das wachstum und die zusammensetzung der leguminosepflanzen. Biochem. Zeitschr. 193: 300-312. illus. Mr.1928. no.4/6.

Biol. Gen. (Vienna)
Kisser, J.
Der heutige stand botanisch-mikrotechnischer Schneidemethoden. Biol. Gen. 4: 131-180. illus., pl.ii-iv. 1928. no.1/2.

Bol. Inst. Nac. Invest. y Exp. Agron. y For. Spain.
Benlloch, M. & Cañizo, J.del.
La enfermedad de las alubias en Barco de Avila (fusariosis). Bol. Inst. Nac. Invest. y Exp. Agron. y Forest. Spain. 1: 140-146. illus. [1927] (Rec'd Ap.1928) no.1.
Fusarium disease of bean (Phaseolus vulgaris)

Bol. Min. Agr. e Comm. Brazil (Rio de Janeiro)
Dutra, G.
Canhamo brasileiro (Hibiscus ferox Hooker. var.?) Bol. Min. Agr. e Comm. Brazil. 17(1): 55-71. illus. 1928. no.1.
Hibiscus perinii, n.var.?

Miranda Leão, J.C.de.
O guarana' (P. cupana). Bol. Min. Agr. e Comm. Brazil. 17(1): 50-54. illus. 1928. no.1.
Paullinia cupana.

Bot. Not. (Lund, Sweden)
Gertz, O.
Undersökningar över den fossila kutinsubstansens mikrokemi. Tillika nagra växtanatomiska iakttagelser å fossilt material. Bot. Not. 1928: 129-155. no.2.

Lamprecht, H.
Tageslänge und assimilation. Bot. Not. 1928: 81-128. no.2.

Tanaka, T.
A note on Retzius' Limonia pentaphylla. Bot. Not. 1928: 156-160. no.2.

Brit. Journ. Exper. Biol. (London)
Delf, E.M., Ritson, K. & Westbrook, A.
The effect on plants of radiations from a quartz mercury vapour lamp. Brit. Journ. Exp. Biol. 5: 138-154. illus., pl.ii-iii. D.1927 (Rec'd Ap.1928) no.2.

Bull. Agr. Congo Belge. (Bruxelles)
DeJong, E.
Le coton dans l'Uele (Congo Belge). Bull. Agr. Congo Belge. 18: 451-536. illus. D.1927. no.4 (Rec'd Ap.1928)

Demeuse,
Rapport sur la forêt de Bukaka - Kabote (Kasai) (cont.) Bull. Agr. Congo Belge. 18: 537-556. D.1927 (Rec'd Ap.1928) no.4.

Bull. Cl. Sci. Acad. Roy. Belg. (Bruxelles)

Grégoire, V.
Génetique et cytologie. Bull. Cl. Sci. Acad. Roy. Belg. V, 13: 856-874. D.1927 (Rec'd Ap.1928) no.12.

Homès, M.
Evolution du vacuome au cours de la différenciation des tissus chez "Drosera intermedia" Hayne. Bull. Cl. Sci. Acad. Roy. Belg. V, 13: 731-746. illus. 4 pl. on 2. O.1927 (Rec'd Ap.1928) no.10/11.

Ledoux, P.
Sur des caractères histologiques du cylindre-axe caulinaire chez Entandrophragma leplaei Vermoesen et Entandrophragma roburoides Vermoesen (Meliaceae du Congo Belge). Bull. Cl. Sci.Acad. Roy. Belg. V, 13: 807-811. illus. D.1927 (Rec'd Ap.1928) no.12.

Wildeman, E.
Sur la morphologie des fleurs mâles dans le genre Scleria (Cypéracées). Notes préliminaires. Bull. Cl. Sci. Acad. Roy. Belg. V,13: 702-707. illus. O.1927 (Rec'd Ap.1928) no.10/11.

Bull. Dept. Agr. Canada. (Ottawa)

Straight, E.M.
Some flowering bulbs. Bull. Dept. Agr. Canada. n.s. 95. 53 p. illus. 1928.
Common bulb diseases, by F.L. Drayton: p.41-53.

Bull. Exp. Stat. Assoc. Hawaiian Pineapple Canners.

Godfrey, G.H.
Legumes as rotation and trap crops for nematode control in pineapple fields. Bull. Exp. Stat. Assoc. Hawaiian Pineapple Canners. 10. 21 p. illus. Mr.1928.

Kerns, K.
Persistence of characters in the smooth Cayenne pineapple. Bull. Exp. Stat. Assoc. Hawaiian Pineapple Canners. 11. 15 p. Mr. 1928.

Bull. Imp. Inst. Gt. Brit. (London)

Tanning materials of the British Empire. III. Bull. Imp. Inst. Gt. Brit. 26: 22-38. Ap.1928. no.1.

Bull. Mens. l'Agence Écon. l'Afrique Occid. Franç. (Paris)
Aubreville,
Notes sur l'aboudikro (Entandrophragma sp. Aff. rufa arf. utilis). Bull. Mens. l'Agence Econ. l'Afrique Occid. Franç. 9: 1-3. Ja.1928. no.85.

Aubreville,
Notes sur le dibetou (Lovoa klaineana) Bull. Mens. l'Agence Econ. l'Afr. Occid. Franç. 9: 91-93. illus. Mr.1928.

Aubreville,
Notes sur le samba (Triplochiton scleroxylon). Bull. Mens. l'Agence Econ. l'Afrique Occid. Franç. 9: 50-52. F.1928. no.86.

Bull.Pop. Inform. Arnold Arb.
Wilson, E. H.
[Forsythias]. Bull. Pop. Inform. Arnold Arb. Ser.3, v.2, no.1. 4 p. illus. Ap.14, 1928.

Bull. Public Museum Milwaukee.
Smith, H. H.
Ethnobotany of the Meskwaki Indians. Bull. Public Mus. Milwaukee. 4: 177-307. pl.xxxvii-xlv. Ap.1928. no.2.

Bull. Sci. Pharm. (Paris)
Perrot, E.
[Léon Guignard]. Bull. Sci. Pharm. 35: 50-54. Mr.1928. no.3.

Bull. Soc. Chim. Biol. (Paris)
Fosse, R. & Hieulle, A.
Identification de l'acide allantoïque dans les feuilles de l'Acer pseudoplatanus. Bull. Soc. Chim. Biol. 10: 308-309. F.1928. no.2.

Bull. Soc. Hist. Nat. Afr. Nord.
Rose, M.
Le plankton de la baie d'Alger pendant l'été et le début de l'automne en 1927. Bull. Soc. Hist. Nat. Afr. Nord. 18: 206-212. D.1927. (Rec'd Ap.1928) no. 9.

Centralbl. Bakt. Abt. II. (Jena)

Vries, O.de.

Zersetzung von kautschuk-kohlenwasserstoff durch pilze. Centralbl. Bakt. Abt.II. 74: 22-24. Mr.1928. no.1/7.

Comment. Biol. Soc. Sci. Fenn. (Helsingfors)

Collander, R. & Bärlund, H.

Ueber die protoplasmapermeabilität von Rhoeo discolor. Vorläufige mitteilung. Comment. Biol. Soc. Sci. Fenn. v.2, no.9. 13 p. 1927 (Rec'd Ap.1928)

Grönblad, R.

Beitrag zur kenntnis der desmidiaceen Schlesiens. Comment. Biol. Soc. Sci. Fenn. v.2, no.5. 39 p. 3 pl. 1927 (Rec'd Ap.1928)

Porkka, O.H.

Ueber den einfluss der temperatur auf den geotropismus der seitenzurzeln erster ordnung. Comment. Biol. Soc. Sci. Fenn. v.2, no.7. 6 p. 1927 (Rec'd Ap.1928)

Warén, H.

Nahrungsphysiologie versuche an Micrasterias rotata. Comment. Biol. Soc. Sci. Fenn. v.2, no.8. 42 p. 1927 (Rec'd Ap.1928)

Compt. Rend. Acad. Sci. Paris.

Chermezon, H.

Sur les feuilles ensiformes de quelques cypéracees. Compt.Rend.Acad. Sci.Paris. 186: 967-968. Ap.2, 1928. no.14.

Lakhovsky, G.

L'action sur les êtres vivants des circuits oscillants captant les ondes cosmiques. Compt. Rend. Acad. Sci. Paris. 186: 1019-1021. illus. Ap.11, 1928. no.15.

Bacterium tumefaciens on Pelargonium.

Morquer, R.

Sur la valeur systématique des genres Dactylium et Diplocladium et spécialement sur le Dactylium macrosporum. Compt. Rend. Acad. Sci. Paris. 186: 1009-1010. Ap.11, 1928. no.15.

Compt. Rend. Acad. Sci. Paris. (cont.)
Sartory, A., Sartory, R. & Meyer, J.
Influence du radium sur la production des zygospores chez Mucor spinosus Van Tieghem (Zygorhynchus spinosus). Compt. Rend. Acad. Sci. Paris. 186: 1010-1012. Ap.11, 1928. no.15.

Compt. Rend. Assoc. Intern. Essais Semences.
Koulechoff, N.
Quelques considération sur la question de la détermination de la provenance du Tourkestan des semences de luzerne (Medicago sativa L.) Compt. Rend. Assoc. Intern. Essais Semences. 3: 5-17. 1928.
English and German summaries.

Wahlen, F.T.
A survey of weed seed impurities of agricultural seed produced in Canada, with special reference to the determination of origin. Compt. Rend. Assoc. Intern. Essai Semences. 3: 19-66. 1928.
German and French résumés.

Ernähr. Pflanz.(Berlin)
Engelmann,
Fragen der rostbekämpfung bei winterweizen. Ernähr. Pflanz. 24: 114-116. Ap.1, 1928. no.7.

Facts about Sugar (N.&.)
Seeking new canes by airplane. Scientific expedition starts for New Guinea to search for disease-resistant indigenous varieties. Facts about Sugar. 23: 352-353. illus. Ap.14, 1928.
Expedition organized by U.S. Dept. of Agriculture under leadership of Dr. E.W. Brandes.

Farm Advocate (London, Ont.)
Howitt, J. E.
The treatment for smut. Farm.Advocate. 63: 668. illus. Ap.19,1928. no.1856.

Farm Journ. (Philadelphia)
Jones, D. F.
A rival for Concord - and other promising new grapes. Farm. Journ. 52(5): 17, 38. illus. My. 1928.

Florida Grow. (Tampa)
Stallings, J.H.
Experiments in potato germination. Planting of freshly cut seed inadvisable. Florida Grow. 36(5): 30-31. My.1928.

Flor. Exch. (N.Y.)

Loftus, H.G.

The best hedges for the west north-central states. Flor. Exch. 67: 1573. illus. Ap.21, 1928. no.16.

Forstarch. Zeitschr. Wissenschaftl. u. Techn. in Forstwirtsch. (Hannover)

Hilf, H.H.

Die ausbreitung der "segge" (Calamagrostis epigeios). Forstarch. Zeitschr. Wissenschaftl. u. Techn. Fortschr. in Forstwirtsch. 4: 117-121. illus. Ap.1, 1928. no.7.

Fruit Flower & Veg.Trades Journ. (London)

Hooper, C.H.

Insect visitors and the fertilization of fruit blossoms (concl.) Fruit, Flow. & Veg.Trades Journ. 53: 309. Mr.24, 1928. no.12.

Gard. & Home Builder (Garden City, N.Y.)

Hottes, A.C.

Better varieties of old favorites I. Gard. & Home Build. 47: 257-258, 330. illus. My.1928. no.3.

I. Modern rock plant improvements.

White, E.A.

Not all orchids are hard to grow. Gard. & Home Build. 47: 281-282, 342. illus. My. 1928. no.3.

Gard. Chron. (London)

Brown, N.E.

Mesembryanthemum (cont.) Diplosoma, Schwantes, Sterropetalum N.E.Br. Gard. Chron. III, 83: 251-252, 266. illus. Ap.7,14, 1928. no.2154-55.

Darnell, A.W.

The genus Primula (cont.) Gard. Chron. III, 83: 252, 267. Ap.7,14, 1928. no.2154-55.

Forbes, A.C.

Pinus contorta or P. murrayana. Gard.Chron. III, 83: 232-234. illus. Mr.31, 1928. no.2153.

Grove, A.

Primroses and lime. Gard. Chron. III, 83: 248. Ap.7,1928. no.2154.

Gard. Chron. (cont.)

Jackson, A.V.
Notes on conifers XXIV. Pinus thunbergii. Gard. Chron. III, 83: 231-232. illus. Mr.31. 1928. no.2153.

Johnson, A.T.
Helianthemums. Gard. Chron. III, 83: 262. Ap.14, 1928. no.2155.

Lofthouse, T.A.
Meconopsis superba, King. Gard. Chron. III, 83: 229. illus. Mr.31, 1928. no.2153.

Parker, T.
Sulphur. Gard.Chron. III, 83: 252-253. illus. Ap.7, 1928. no.2154.

Rayner, M.C.
The rôle of mycorrhiza in plant growth (concl.) Gard.Chron. III, 83: 230. Mr.31, 1928. no.2153.

Todd, E.E.
A revision of violas (cont.) Gard. Chron. III, 83: 230-231. Mr.31, 1928. no.2153.

Gartenw. (Berlin)

Pape, H.
Das umfallen der tulpen in der treiberei. Gartenw. 32: 185-186. illus. Ap.6, 1928. no.14.

Hilgardia. (Berkeley, Cal.)

Rosa, J.T.
Effects of chemical treatments on dormant potato tubers. Hilgarida. 3: 125-142. Mr.1928. no.4.
Experiments with ethylene chlorhydrin, sodium thiocyanate.

Rosa, J.T.
Relation of tuber maturity and of storage factors to potato dormancy. Hilgardia. 3: 99-124. illus. Mr.1928. no.4.

Hints Potato Grow. N.J. (New Brunswick, N.J.)

Martin, W.H.
The organic mercury compounds as seed potato disinfectants. Hints Potato Grow. 8: 1-4. Mr.1928. no.11.

Hort. Illus. (Boston)

Hamblin, S.F.

Native rock garden herbs. Hort. Illus. 6: 200. Ap.15, 1928. no.8.

House & Gard. (Greenwich, Conn.)

Bade, E.

Plants of the garden pool. House & Gard. 53(5): 106-107. illus. My.1928.

Durand, H.

Sub-alpine plants. House & Gard. 53(5): 122-123, 178, 180, 182, 186. illus. My.1928.

Wilder, L.B.

Comely candytufts and others. House & Gard. 53(5): 108, 188, 190, 194. illus. My.1928.

Wilson, E. H.

The versatile orchid clan. House & Gard. 53(5): 104-105, 170,172, 174, 186. illus. My,1928.

Indische Culturen (Soerabaja)

Wellensiek, S.J.

Plantenziektenstrijd in Amerika. Indische Culturen. 13: 292-293. Mr.16,1928. no.6.

Izv. Nauchn. Inst. P.F. Lesgafta (Bull. Inst. Sci. Lesshaft) (Leningrad)

Hubbenet, E.

... Quantitative analysis of the pigments of marine algae of Murman. Izv. Nauchn. Inst. P.F. Lesgafta (Bull. Inst. Sci. Lesshaft) 13: 93-197. pl. 1927 (Rec'd Mr.1928)

Russian with English summary.

Jard. Agrém. (Bruxelles)

Havaux, J.

Les Polygonum. Jard. Agrém. 7: 53-56. Ap. 1928. no.4.

Michel, E.

Medinilla magnifica, Lindl. Jard. Agrém. 7: 50-52. Ap.1928. no.4.

Journ. Agr. Res.

Bryan, M.K.
Lilac blight in the United States. Journ. Agr. Res. 36: 225-235. illus. 2 pl F.1, 1928. (Rec'd Ap.18,1928) no.3.

Doran, W.L.
Acetic acid as a soil disinfectant. Journ. Agr.Res. 36: 269-280. illus. F.1,1928 (Rec'd Ap.18,1928) no.3.

Doran, W.L.
The growth of tobacco and brown root rot of tobacco as affected by timothy infusions of different ages. Journ. Agr. Res. 36: 281-287. F.1,1928 (Rec'd Ap. 18, 1928) no.3.
Either stimulatory or inhibitory according to age of décoction.

McCulloch, L. & Thom, C.
A rot of gladiolus corms caused by Penicillium gladioli, L.McC.and Thom. Journ. Agr. Res. 36: 217-224. 1 pl. F.1, 1928 (Rec'd Ap.18,1928) no.3.

Reddy, C.S. & Holbert, J.R.
Further experiments with seed treatments for sweet-corn diseases. Journ. Agr. Res. 36: 237-247. illus. F.1,1928 (Rec'd Ap.18,1928) no.3.

Journ. Amer. Pharm. Assoc. (Easton, Pa.)

Read, B.E. & Liu, J.C.
Chinese botanical sources of ephedrine and pseudoephedrine. Journ. Amer. Pharm. Assoc. 17: 339-344. illus. (incl.maps) Ap.1928.
E.sinica & E. equisetina.

Yougken, H.W.
Viburnum cassinoides, a recent substitute for Viburnum prunifolium. Journ. Amer. Pharm. Assoc. 17: 330-335. illus. Ap.1928. no.4.

Journ. Amer. Soc. Agron. (Geneva, N.Y.)

Arny, A.C. & Johnson, I.J.
The roots of flax plants. Journ. Amer. Soc. Agron. 20: 373-380. illus. Ap.1928. no.4.

Journ. Amer. Soc. Agron. (cont.)

Klages, K.H.
Crop ecology and ecological crop geography in the agronomic curriculum. Journ. Amer. Soc. Agron. 20: 336-353. Ap.1928. no.4.

Vinal, H.N. & Westover, H.L.
Bulbous bluegrass, Poa bulbosa. Journ. Amer. Soc. Agron. 20: 394-399. illus. Ap.1928. no.4.

Journ. Bath & West & South Co. Soc. Agr.

Barker, B.T.P.
The relations of scion and rootstock I- Journ. Bath & West.& South Co. Soc. Agr. VI, 2: 235-244. 1928.
I. Tree size in relation to scion and rootstock. (a) The case of young trees.
In [Rep.] Nat. Fruit & Cider Inst.

Bastin, S.L.
Modern methods of weed destruction. Journ. Bath & West & South. Co. Soc. Agr. VI, 2: 17-36. 1928.

National fruit and cider institute, Long Ashton.
Strawberry investigations. Progress report. Journ. Bath & West & South Co. Soc. Agr. VI, 2: 221-234. 1928.
In [Rep.] Nat. Fruit & Cider Inst.

Swarbrick, T.
Some preliminary observations upon the influence of scion variety upon the root growth of young apple trees. Journ. Bath & West & South. Co. Soc. Agr. VI, 2: 245-253. 3 pl. 1928.
Data given in this paper taken from the author's & R.H. Robert's paper: "The relation of scion variety to the character of root growth &c".
In [Rep.] Nat. Fruit & Cider Inst.

Journ. Biol. Chem. (Baltimore)

Geddes, W.F. & Hunter, A.
Observations upon the enzyme asparaginase. Journ. Biol. Chem. 77: 197-229. Ap.1928. no.1.

Journ. Biol. Chem. (cont.)

Herrick, H.T. & May, O.E.
The production of gluconic acid by the Penicillium luteum-purpurogenum group. II. Some optimal conditions for acid formation. Journ. Biol. Chem. 77: 185-195. Ap.1928. no.1.

Journ. Bot. (London)

Baker, E. G.
Robert Miller Christy (1861-1928) Journ. Bot. 66: 115-117. Ap.1928. no.784.
Principal botanical bibliography: p.117.

Brown, N.E.
Hydrodea hampdenii N.E.Br., sp.nov. Journ. Bot. 66: 106-107. Ap.1928. no.784.

Bennett, A.
Notes on Potamogeton. Journ.Bot. 66: 102-104. Ap.1928. no.784.

Druce, G.C.
Rumex glomeratus Schreber. Journ. Bot. 66: 122-123. Ap.1928. no.784.

Mr. John Gossweiler's plants from Angola and Portuguese Congo. Dicotyledones, Polypetalae, By A.W. Exell, (cont.) Journ. Bot. 66(Suppl.): 105-112. Ap.1928. no.784.

Moore, S.
Erlangea (Bothriocline) incana, S.Moore, sp.nov. Journ. Bot. 66: 105-106. Ap.1928. no.784.

Moore, S.
A new Papuan Fagraea. Journ. Bot. 66: 104-105. Ap.1928. no.784.
Fagraea aurantiodora, sp.nov.

Moore, S.
Vernonia yatesii S. Moore - a synonym of Herderia truncata Cass. Journ. Bot. 66: 106. Ap. 1928. no. 784.

Preservation of herbarium species. Journ. Bot. 66: 123. Ap.1928. no.784.
Formula taken from Le Monde des plantes N./D. 1927.

Journ. Bot. (cont.

Salmon, C.E.
F.W. Schultz and C. Billot, Archives de la flore de France et d'Allemagne, 1836-1855. Journ. Bot. 66: 107-113. Ap.1928. no.784.
Bibliographical notes LXXXIX.

Sprague, T.A.
Laurence Athelstan Molesworth Riley (1888-1928) Journ. Bot. 66: 118-119. Ap.1928. no.784.

Stephenson, T.
Southern marsh orchids. Journ. Bot. 66: 97-102. pl.583. Ap.1928. no.784.

Journ. Coll. Agr. Hokkaido Imp. Univ. Sapporo, Japan.

Grasser, G. & Hirose,
Chemismus der kombinierten tannin - chrom - gerbung. Journ. Coll. Agr. Hokkaido Imp. Univ. Sapporo, Japan. 20: 203-217. F.1928. no.4.

Grasser, G.
Kleinere experimental-untersuchungen aus dem institute für gerberei-wissenschaft. Journ. Coll. Agr. Hokkaido Imp. Univ. Sapporo, Japan. 20: 219-232. F.1928.

Oshima, K.
Protease and amylase of Aspergillus oryzae. Journ. Coll. Agr. Hokkaido Imp. Univ. Sapporo, Japan. 19: 135-244. Mr.1928. no.3.

Terada, S.
Embryological studies in Oryza sativa L. Journ. Coll. Agr. Hokkaido Imp. Univ., Sapporo, Japan. 19: 245-260. pl. vi-ix. Mr.1928. no.4.

Journ. Dept. Agr. So.Australia. (Adelaide)

Samuel, G. & Piper, C.S.
Grey speck (manganese deficiency) disease of oats. (concl.) Journ. Dept. Agr. So.Australia. 31: 789-799. illus. Mr.1928. no.8.

Journ. Hered. (Washington.)

Bregger, T.
Waxy endosperm in Argentine maize. Journ. Hered. 19: 111. Mr.1928. no.3.

Bushnell, J.
Do potato varieties degenerate in warm climates? Examples of vigorous potato clones in Ohio. Journ. Hered. 19: 132-134. illus. Mr.1928. no.3.

Journ. Hered. (cont.)

Butterfield, H.M.
The origin of certain thornless blackberries and dewberries. Journ. Hered. 19: 135-137. illus. Mr.1928. no.3.

Cook, O.F. & Hubbard, J.W.
New cotton characters from Colombia and Ecuador, adaptations of possible value in cotton breeding found in native South American cottons. Journ. Hered. 19: 177-190. illus. Ap.1928.

Darrow, G.M.
Notes on thornless blackberries. Their chromosome number and their breeding. Journ. Hered. 19: 139-142. illus. Mr.1928. no.3.

Fairchild, D.
A jungle botanic garden, the Sibolangit garden in the highlands of Sumatra. Journ. Hered. 19: 145-158. illus. pl. (front.) Ap.1928. no.4.

Frost, H.B.
Chromosome-mutant types in stocks. II. Putting a tramp chromosome to work. Journ. Hered. 19: 105-111. illus. Mr.1928. no.3.

Mangelsdorf, P.C.
The effects of a lethal on the heterozygote in maize. Journ. Hered. 19: 123-131. illus. Mr.1928. no.3.

Tukey, H. B.
The importance of stocks in Kieffer pear growing. Journ. Hered. 19: 113-114. Mr. 1928. no.3.

Journ. Landw. (Berlin)

Maiwald, K.
Die bestimmung des chlorophylls nach Willstätter in agrikulturchemischen untersuchungen. Journ. Landw. 76: 63-69. Ap.1928. no.1.

Meyer, K.
Ein beitrag zur methodik der saugkraftmessungen im keimlingsstadium (Vorläufige mitteilung) Journ. Landw. 76: 11-24. Ap.1928. no. 1.

Journ. Landw. (cont.)

Steche, T.

Nachtrag zu meinem aufsatz. Die bestimmung des chlorophylls nach Willstätter in landwirtschaftschemischen massenuntersuchungen. Journ. Landw. 76: 71-73. Ap.1928. no.1.

Velsen, W.von.

Die beeinflussung der kartoffelkeimung durch frühtreibmittel. Journ. Landw. 76: 41-61. Ap. 1928. no. 1.

Journ. Min. Agr. Gt. Brit. (London)

Long, Harold C.

Weeds of arable land. Journ. Min. Agr. Gt. Brit. 35: 50-59. Ap.1928. no. 1.

Journ. Roy. Micr. Soc. (London)

Kirby, K.S.N.

The development of chloroplasts in the spores of Osmunda. Journ. Roy. Micr. Soc. III, 48: 10-35. 2 pl. Mr.1928. no.1.

Journ. Washington Acad. Sci.

Pittier, H.

Some errors and mistakes in taxonomic botany. Journ.Washington Acad. Sci. 18: 206-209. Ap.19, 1928. no. 8.

Callistylon gen.nov. (Coursetia sp. Griseb.) C. arboreum.

Redfield, R.

Remedial plants of Tepoztlan: a Mexican folk herbal. Journ. Washington Acad. Sci. 18: 216-226. Ap.19, 1928. no.8.

Swallen, J. R.

The grass genus Schizachne. Journ. Washington Acad. Sci. 18: 203-206. Ap.19, 1928. no.8.

Wherry, E.T.

Northward range-extensions of some southern orchids in relation to soil reaction. Journ. Washington Acad. Sci. 18: 212-216. Ap.19,1928. no. 8.

Kartoffel. Zeitschr. Kartoffelbau(Berlin)

Schlumberger, O.

Welche spritzapparate kommen bei der bekämpfung der krautfäule (Phytophthora infestans D-By) in frage? Kartoffel. Zeitschr. Kartoffelbau. 8: 106-108. Ap.1, 1928. no. 7.

Kranke Pflanze (Dresden)

Dirmoser, W.

Das verheilen von baumwunden. Kranke Pflanze. 5: 39-40. Mr.1928. no.3.

Esmarch, F.

Pilzliche samenverderber III. Rüben. Kranke Pflanze. 5: 40-44. Mr.1928. no.3.

Landw. Jahrb. (Berlin)

Schaffnit, E. & Volk, A.

Beiträge zur kenntnis der morphologie und physiologie verschieden ernährter pflanzen. Landw. Jahrb. 67: 305-329. illus. 1928. no.3.

Meded. Deli Proefst. Medan, Sumatra.

Jochems, S.C.J.

Het behoud van de kiemkracht van tabakszaad in den grond. Meded. Deli Proefst. Medan-Sumatra. II, no.50. 27 p. pl. 1927 (Rec'd Ap.1928)

English summary (On viability of tobacco seed buried in the soil on Sumatra's East Coast): p.26-27.

Natur. u. Mus. Ber. Senckenb. Naturf. Ges. (Frankfurt a.M.)

Blühende Yucca. Natur. u. Mus. Ber. Senckenb. Naturf. Ges. 458: 41-42. illus. Ja.1928.

Nature (London)

Cambage, R. H.

Origin and development of portion of the Australian flora. Nature. 121: 554. Ap.7, 1928. no.3049.

Abstract of address before Austral. Assoc. Advancement Sci., Ja.16,1928.

Nature Mag. (Washington)

Nearing, G.G.

A fool-proof mushroom of May. Even the careless cannot mistake the morel. Nature Mag. 11: 329. illus. My.1928. no.5.

Morchella esculenta.

Peattie, D.C.

The celestial lotus. Nature Mag. 11: 294-297. illus. My.1928. no.5.

Nelumbo.

Nauchno-Issle. Raboty N.K.Z.B. Upravl. Zemleustr. i Melior. (Scient. Res. Work Administr. Cult. Improv. Land White Russia) (Minsk)

Adamov, V.V. & Jaroshevich, I.K.
... Survey of the vegetation of the White Russian fields. Nauchno-Issl. Raboty N.K.Z.B. Upravl. Zemleustr. i Melior. (Scient. Res. Work Administr. Cult. Improv. Land White Russia) 1925, no.4. 96 p. 1927 (Rec'd Mr.1928)
White Russian.

New Zeal. Journ. Agr. (Wellington)

Atkinson, E. H.
Weeds and their identification (cont.) New Zeal. Journ.Agr. 36: 201-203. illus. Mr.1928. no.3.

Dixon, C. E.
Prevention of sap-stain in white-pine. Tests by State forest service (concl.) New Zeal. Journ. Agr. 36: 194-200. illus. Mr.1928. no.3.

Hilgendorf, F.W.
Plant-breeding at Canterbury agricultural college. Work on cereals, grasses and red clover. New Zeal. Journ. Agr. 36: 156-171. illus. Mr.1928. no.3.

Nineteenth Century.

Gates, R.R.
Genetics. Nineteenth Cent. 103: 498-509. Ap.1928. no.614.

Nord. Jordbrugsforskn. (København)

Sylvén, N.
Självbefruktning och inavel hos raps (Brassica napus oleifera). Nord. Jordbrugsforskn. 1927: 265-280 (Rec'd Ap.1928) no.3.
German résumé (Selbstbefruchtung und inzucht beim raps (Brassica napus oleifera): p. 279-280.

North West Nat. (Arbroath, Scotland)

Davies, W.M.
Biological control of noxious weeds. North West. Nat. 3: 22-25. Mr.1928. no.1.

Lee, W.A. & Travis, W.G.
The Muscineae of the Wirral. Supplementary list. North West. Nat. 3: 26-32. Mr.1928. no.1.

Murray, J.
Cumberland mosses (cont.) North West.Nat. 3: 42-43. Mr.1928. no.1.

Orchid Rev. (Richmond, England)

Ballion, G. & Ballion, M.
Asymbiotic germination of orchid seed. Orchid Rev. 36: 103-111. illus. Ap.1928. no.418.

Cooper, E.
Floral deviation in Oncidium cavendishianum. Orchid Rev. 36: 113-114. Ap.1928. no.418.

Parfum. Mod. (Lyon, France)

Chalot, C.
Le patchouli. Parfum. Mod. 21: 54-55. Mr. 1928. no.3.
Pogostemon patchouli.

Fiorini, L.
Les fleurs a Rome. Parfum. Mod. 21: 56-57. Mr.1928. no.3.

Pflanzenbau. (Berlin)

Hanow,
Erbsen-beizversuche. Pflanzenbau. 4: 294-297. Ap.1, 1928. no.19.

Richter, H. & Mausberg, A.
Zur sortenfrage und sortenwahl bei konservenerbsen. Pflanzenbau. 4: 289-293. illus. Ap.1, 1928. no.19.

Pharm. Acta Helv. (Zürich)

Rosenthaler, L.
Beiträge zur blausäurefrage 22-24. Pharm. Acta Helv. 3: 31-34. F.25,1928. no.2
22. Ueber blausäure in der gattung Vicia. 23. Ueber blausäure in gräsern des Betshuanalandes. 24. Ueber das blaüsäure-glykosid aus den samen der-myrobalanen-pflaume.

Pharm. Journ. (London)

Bennison, E.C.
Bitter blaar (Brachylaena elliptica): a preliminary note. Pharm. Journ. 120: 318-319. illus. Ap.7,1928. no.3362.

Philipp. Agr. (Los Baños)

Espino, R.B.
Growth and development of young rice plants as influenced by the food in the seed. Philipp. Agr. 16: 597-601. illus. Mr.1928. no.10.

Philipp. Agr. (cont.)
Soliven, F.A.
The seed and oil of Jatropha curcas.
Philipp. Agr. 16: 587-596. Mr.1928. no.10.

Philipp. Journ. Sci. (Manila)
Santos, J.K.
Stem and leaf structure of Tinospora rumphii Boerlage and Tinospora reticulata Miers.
Philipp. Journ. Sci. 35: 187-208. 7 pl. F. 1928. no.2.

Pineapple News. (Honolulu)
Godfrey, G.H.
Preliminary report on chemical treatments for nematode control. Pineapple News. 2: 55-60. illus. Ap.1928. no.4.

Sideris, C. P.
Fungus parasites of pineapple roots. Pineapple News. 2: 61-63. illus. Ap.1928. no.4.

Pomol. Franç. (Villefranche, France)
Chasset, L.
La chlorose. Pomol. Franç. 1928: 61-63. Mr.1928. no.3.
Of fruit trees.

Chasset, L.
Les variations dans les caractères des fruits. Pomol. Franç. 1928: 64-68. Mr.1928. no.3.

Proc. Amer. Cranberry Grow. Assoc.
Dobrosky, I.B.
Insect studies in relation to cranberry false-blossom disease. Proc. Amer. Cranberry Grow. Assoc. 58: 6-7, 10-11. illus. 1928.
The blunt-nosed leafhopper, Euscelis striatulus suspected of being agent for spread of the disease.

Proc.Hawaiian Sugar Plant. Assoc.
Lee, H.A.
Pathology (a report) Rep. Comm. Exp. Stat. Hawaiian Sugar Plant. Assoc. 1926/27: 30-41. 1927.
With Proc. 47th Ann.Meet. Hawaiian Sugar Plant. Assoc.

Proc. Nat. Acad. Sci.

Livingston, B.E.
Dynamic relations between plant and soil, with special reference to the supply of water and oxygen. Proc. Nat. Acad. Sci. 14: 293-295. Ap.1928. no.4.

Satina, S. & Blakeslee, A.F.
Studies on biochemical differences between sexes in Mucors. 5. Quantitative determinations of sugars in (+) and (-) races. Proc. Nat. Acad. Sci. 14: 308-316. Ap.1928. no.4.

Proc. Roy. Soc. Ser.B. (London)

Maskell, E.J.
Experimental researches on vegetable assimilation and respiration XVII-XVIII. Proc. Roy. Soc. Ser. B. 102: 467-487, 488-533. illus. Ap.1928. no.720.
XVII. The diurnal rhythm of assimilation in leaves of cherry laurel at "limiting" concentrations of carbon dioxide. XVIII. The relation between stomatal opening and assimilation - A critical study of assimilation rates and porometer rates in leaves in cherry laurel.

Progr. Agr. & Vitic. (Montpellier)

Busquet, A.
Sur le court-noué Progr. Agr.et Vitic. 89: 354-357. Ap.8,1928. no.15.

[Publ.] Conf. Nac. Fruitc. 2d, Cordoba,1927.

Mintzer, M.G.
Notas sobre el cultivo del chirimoyo en Salta. [Publ.] Conf. Nac. Fruitic. 2d, Cordoba,1927. p. 111-121. illus. 1927 (Rec'd Ap.1928)

Queensl. Agr. Journ. (Brisbane)

Wood, E.J. F.
Cane diseases in Queensland in 1927. Queensl. Agr. Journ. 29: 182-197. Mr.1928. no.3.

Rep. of Proc. Blister Rust Conf.

Detwiler, S. B.
Progress of blister rust control in the west. Rep. of Proc. Blister Rust. Conf. 13: 5-8. [1928]

Fivaz, A.E.
Studies of Ribes ecology. Rep. of Proc. Blister Rust Conf. 13: 12-18. [1928]

Rep. of Proc. Blister Rust. Conf (cont.)

Pennington, L.H.
Epidemiology of white pine blister rust - 1927. Rep.of Proc. Blister Rust Conf. 13: 66-70. [1928]

Perry, C.C. & Clave, Wm
The feasibility of the eradication of skunk currants. Rep. of Proc. Blister Rust Conf. 13: 71-78. [1928]

Rev. Bot. Appl. (Paris)

Chevalier, A.
A propos de l'acajou blanc de la Côte d'Ivoire. Rev. Bot. Appl. 8: 207-211. Mr.1928. no.79.
Khaya agboensis.

Chevalier, A.
Révision des Acacia du Nord, de l'Ouest et du Centre Africain. (cont.) Rev. Bot. Appl. 8: 197-206. 4 pl. Mr.1928. no. 79.

Guillaumin, A.
Les travaux récents sur les aurantiées. Rev. Bot. Appl. 8: 169-176. Mr.1928. no.79.

Rev. Gén. Sci. (Paris)

Varigny, H.de.
Léon Guignard. Rev. Gén. Sci. 39: 161-162. Mr.30, 1928. no.6.

Rev. Gén. Hort. Cult. Fruit. (Paris)

Latiere, H.
La culture des raisins de table. (cont.) La Chlorose. Rev. Gén. Hort. Cult. Fruit. 6: 962-963. Mr.1928. no.59.

Rhodora. (Boston)

Fernald, M.L.
The American representatives of Asplenium ruta-muraria. Rhodora. 30: 43. Mr.1928. no.351.

Fernald, M.L.
The eastern American occurrence of Athyrium alpestre Rhodora. 30: 44-49. pl. 161-168. Mr.1928. no.351.

Mackenzie, K.K.
The grass genus Digitaria. Rhodora. 30: 49-52. Mr.1928. no.351.

Schweiz. Zeitschr. Obst- u. Weinb. (Wadenswil)
Osterwalder, A.
Von der gelbsucht der rebe. Schweiz. Zeitschr. Obst. u. Weinb. 37: 105-113. Mr.31, 1928. no. 7.

Science. (Lancaster, Pa.)
Hamilton, T.E.
Edward Sandford Burgess. Science. 67: 388. Ap.13, 1928. no. 1737.

Harvey, R. B.
Ethylene is a ripener of fruits and vegetables. Science. 67: 421-422. Ap.20,1928. no.1738.

Scient. Month. (Lancaster, Pa.)
MacDougal, D.T.
Activities in plant physiology. Scient. Month. 26: 464-467. My.1928. no.5.

Seifriz, W.
Science in Russia to-day. Scient. Month. 26: 433-448. illus. My.1928. no.5.

Soil Science. (Baltimore)
Metzger, W.H.
The effect of growing plants on solubility of soil nutrients. Soil Sci. 25: 273-280. Ap. 1928. no.4.

So. Afr. Fruit Grow. (Cape Town)
Diehl, H.C. & Fletcher, L.A.
Fruit cleaning methods and their efficiency. South Afr. Fruit Grow. 15: 57-61. illus. Mr. 1928. no.3.

South. Flor. (Fort Worth, Tex.)
Ruth, A.
The early spring flowers of Texas. (cont.) South. Flor. 25(2): 7-8, 17. Ap.13, 1928.

Stain Techn.
Conn, H.J.
Progress in the standardization of stains. Stain Techn. 3: 41-44. Ap.1928. no.2.

Dufrenoy, J.
Staining cell constituents in diseased plant tissues. Stain Techn. 3: 57-63. illus. Ap. 1928. no.2.

Tea Quart. Tea Res. Inst. Ceylon.

Gadd, C.H.
Tea and soil acidity I- Tea Quart. Tea Res. Inst.Ceylon. 1: 1-6. pl. i. F.1928. no.1.
I. Water culture experiments.

Petch, T.
The parasitism of tea root disease fungi. Tea Quart. Tea Res. Inst. Ceylon. 1: 10-15. F.1928. no.1.

Torreya.

Mrs. Flora W. Patterson. Torreya. 28: 40. Mr./Ap.1928. no.2.
Notice of death.

Professor Edward Sanford Burgess. Torreya. 28: 36-37. Mr./Ap.1928. no.2.
Note also on p.40.

Wilson, P.
Two new species of Portulaca from Mexico. Torreya. 28: 28-29. Mr./Ap.1928. no.2.
Portulaca conzattii, P. mexicana, sp.nov.

Woollett, M.L. & Sigler, D.
Revegetation of beech-maple areas in the Douglas Lake region. Torreya. 28: 21-28. Mr./Ap. 1928. no.2.

Trans. Amer. Micros. Soc. (Urbana, Ill.)

Tiffany, L.H.
The algal genus Bulbochaete. Trans. Amer. Micros. Soc. 47: 121-177. pl.xiv-xxiii. Ap. 1928. no.2.

Tribune Hort.

Ballion, G. & Ballion, M.
Germination asymbiotique des graines d'orchidées. Tribune Hort. 13: 232-234. Ap.14, 1928. no.595.

Trudy Bot. Mus. Akad. Nauk, SSSR (Trav. Mus. Bot. Acad. Sci. URSS) (Leningrad)

Sochava, V.B.
... Etude botanique des forêts de l'Oural polaire entre les rivières Nelka et Choulga. Trudy Bot. Muz. Akad. Nauk SSR (Trav.Mus. Bot. Acad. Sci. URSS) 21: 1-78. iv pl. 1927 (Rec'd Mr.1928)
Russian with German summary.

Trudy Bot. Mus. Akad. Nauk SSSR (Trav. Mus. Bot. Acad. Sci. URSS) (Leningrad) (cont.)

Tolmachev, A.N.

... Contribution a l'étude des Cerastium du nord de la Sibérie. Trudy Bot. Muz. Akad. Nauk SSSR (Trav.Mus. Bot. Acad. Sci.URSS) 21: 79-86. illus. 1927 (Rec'd Mr.1928)

Russian with Latin diagnosis of new sp. (C. bialynickii)

Voronikhin, N.N.

... Contributions à la flore mycologique du Caucase. Trudy Bot. Muz. Akad. Nauk SSSR (Trav. Mus. Bot. Acad. Sci. URSS). 21: 87-252. pl.v-vi. 1927 (Rec'd Mr.1928)

Brief German summary, Latin diagnosis of new species.

Index of host plants.

Trudy Bilots. Selekts. Stan. (Bull. Belaya-Cerkov Plant Breed. Stat.)

Kharechko-Savitskaja,E.I.

... Seed color in the family Papilionaceae. Trudy Bilots. Selekts. Stan. (Bull. Belaya-Cerkov Plant Breed. Stat.) 2: 137-238. illus., vi col. pl. 1927 (Rec'd Ap.1928) no.6.

Russian with English summary.

Plates in separate cover and of smaller size than text.

Ugeskr. Landmaend.

Gaardmand, P.N.

Rustsvampene og kornafgrøderne. Ugeskr. Landmaend. 73: 23-24. Ja.12,1928. no.2.

Die Umschau. (Frankfurt)

Gericke, S.

Die erforschung der "urbarmachungskrankheit". Die Umschau. 32: 278-279. illus. Mr.31,1928. no.14.

U.S. Dept. Agr.Farm.Bull.

Talbot, M.W.

Johnson grass as a weed. U.S. Dept. Agr. Farm. Bull. 1537. 9 p. illus. Mr.1928 (Ap.21)

Supersedes Farm.Bull.279.

V.10, no.9, p.28.

U.S. Dept. Agr. Misc. Circ.
Tapke, V.F.
Copper-carbonate seed treatment for stinking smut of wheat. U.S. Dept. Agr. Misc. Circ.108. 4 p. illus. F.1928.
First issued Jl.1927.

U.S. Dept. Agr. Techn. Bull.
Weiss, F. & Brierley, P.
Factors of spread and repression in potato wart. U.S. Dept. Agr. Techn. Bull.56. 13 p. 1 pl. Mr.1928.

Univ. Calif. Publ. Agr.Sci. (Berkeley)
Hollingshead, L.
Chromosomal chimeras in Crepis. Univ. Calif. Publ. Agr. Sci. 2: 343-351. illus., pl. 54-55. Mr.1928. no.12.

Univ. Kansas Sci. Bull.
Beck, P.V.
Comparative anatomy of certain hybrid shrubs and their parents. Univ. Kansas Scit. Bull. 17: 367-395. pl. xxxvii-xli. S.1927 (Rec'd Ap.1928) no.6.

Horr, W.H.
Some studies on the structure and behavior during germination of Gymnocladus canadensis Lam. Univ. Kansas Sci. Bull. 17: 331-365. pl.xxix-xxxvi. S.1927 (Rec'd Ap.1928) no.5.

Věstnik Českosl. Akad. Zeměd. (Praha)
Reich, E.
Prof. Dr. h.c. František Schindler. Věstník Ceskosl. Akad. Zemed. 4: 256-259. port. Mr. 1928. no.3.

Slavnostní schůze na oslavu sedmdesátých narozenin Dr. Ing. Agr.Julia Stoklasy.(Réunion solennelle pour fêter le soixante-dixième anniversaire de la naissance du Dr.Jul. Stoklasa) Věstník Českosl. Akad. Zeměd. 3: 1074-1112. port. N./D.1927.(Rec'd Ja.1928) No.9/10.
Articles by various authors upon the many phases of Dr. Stoklasa's work, his scientific publications, etc.

Věstník Ceskosl. Akad. Zeměd. (cont.)
Smolak, J.
Prof. Dr. Heinrich Marius Quanjer. Vestnik Ceskosl. Akad. Zeměd. 4: 259-261. port. Mr. 1928. no.3.
[Publications]: p.261.

Vict. Nat. (Melbourne)
Williamson, H. B.
The aquatic plants of Victoria. III. Vict. Nat. 44: 308-315. illus. Mr.1928. no.11.

Vie Agr. et Rur. (Paris)
Dubois, P.
Culture pratique du champignon de couche. Vie Agr. et Rur. 32: 248-250. illus. Ap.15, 1928. no.16.

Zeitschr.Bot. (Jena)
Overbeck, F.
Studien zur postglazialen waldgeschicht der Rhön. Zeitschr. Bot. 20: 145-206. 1928. no.4.

Zeitschr. Indukt. Abstamm. u. Vererbungsl. (Leipzig)
Brieger, F.
Ueber die vermehrung der chromosomenzahl bei dem bastard Nicotiana tabacum L. x N. rusbyi Britt. Zeitschr. Indukt. Abstamm Vererbungsl. 47: 1-53. illus. 1928. no. 1.

Sukatschew, W.
Einige experimentelle untersuchungen über den kamp ums dasein zwischen biotypen derselben art. Zeitschr. Indukt. Abstamm. Vererbungsl. 47: 54-74. 1928. no. 1.

Zeitschr. Pilzk. (Leipzig)
Fenaroli, L.
Abate Dr. Giacomo Bresadola. Zeitschr. Pilzk. 12(n.s.7): 33-38. Mr.1928. no.3.

Knauth, B.
Die höheren pilze der Dresdner heide. Zeitschr. Pilkz. 12(n.s.7): 39-42. Mr.1928.

Zeitschr. Pilzk. (cont.)
Singer, R.
Drei seltene, ausserhalb Deutschlands heimische russulae. Zeitschr. Pilzk. 12(n.s.7): 42-43. Mr.1928. no.3.
R. elatior, R. vinosa, R. fusca.

Zeitschr. Zuckerind.Cechoslovak. Rep.
Greissing, J., Sečkař & Pollak, A.
Ein bekämpfungsversuch der Cercospora beticola in der Suranyer zuckerfabrikswirtschaft im jahre 1927. Zeitschr. Zuckerind. Cechoslovak Rep. 52: 325-327. Mr.16, 1928. no. 29.

Exper. Stat. Publ.
Lutz, A. M.
Impermeable seed of alfalfa. Colorado Agr. Exp. Stat. Bull.326. 35 p. illus., col.pl. Ja. 1928 (Rec'd Apr.)

Ohio agricultural experiment station.
Botany and plant pathology. Its Ann. Rep. 46(1926/27, Bull.417): 34-41. illus. 1928.
H.C. Young chief.

State Publications.
Adams, J.F.
Report of the plant pathologist for 1927. Quart. Bull. State Bd. Agr. Delaware. v.18, no.1. 29 p. illus. Mr.1928.

New Books.
Bruyker, C.de.
Dr. C.de. Bruyker's Elementaire lessen over erfelijheidsleer in verband met het veredelen der gekweekte gewassen bezorgd door R. Naveau. Antwerpen, "De Sikkel", [1927]

Campbell, E.
General elementary botany with practical applications. Ann Arbor, 1928.
Mimeographed.

Fruits and gardens new spray manual. The fruit grower's hand book... rev.ed. Zeeland, Mich., Fruits and gardens, [1928?]

New Books. (cont.)

Gascon y Miramon, A.
El mildiu de la vid. Madrid, Ministerio de fomento, [1927]

Hertwig, P.
Partielle keimesschädigungen durch radium und röntgenstrahlen. Berlin, Gebrüder Borntraeger, 1927 (Handbuch der vererbungswissenschaft, hrsg. von E. Baur & M. Hartmann, bd.III, C)

Maurizio, A.
Die geschichte unserer pflanzennahrung von den urzeiten bis zur gegenwart. Berlin, P. Parey, 1927.

Nakai, T. & Koidzumi, G.
Trees and shrubs indigenous in Japan proper. Rev. & enl. ed. Tokyo,1927.
Japanese text.
v.1, Camopetalae or Metachlamydeae.

Pfeiffer, H.
Die pflanzlichen trennungsgewebe. Berlin, Borntraeger, 1928 (Handbuch der pflanzenanatomie hrsg. von K. Linsbauer... 1. Abt., 2. t. Histologie bd.V (lfg.22)

Das pflanzenreich... heft 91-92. Leipzig, W. Engelmann, 1928.
91. Taccaceae von W. Limpricht.
92. Malpighiaceae pars. I, von F. Niedenzu.

Pottier, J.
Recherches sur l'anatomie comparée des espèces dans la famille des elatinacées et sur le développement de la tige et de la racine dans le genre Elatine. Besançon, Imprimerie de l'Est, 1927.

Remy, Th.
Handbuch des kartoffelbaues... 2. neubearb. und verm. aufl. Berlin, P. Parey, 1928.
Die krankheiten der kartoffel, von A.W. Ulrich: p.249-250.

Swingle, D.B.
A textbook of systematic botany. N.Y., McGraw-hill,1928.

New Books (cont.)

Waterman, W.G.
Plant communities (revised edition) Ann Arbor,1928. Mimeographed.

West Indies. Imperial dept. of agriculture.
Sugar-cane experiments in the Leeward Islands Reports on experiments with varieties of sugar-cane conducted in Antigua and Montserrat in the seasons 1925/26-1926/27. [1927] (Rec'd Mr.1928)

Wiesner, J.von.
Die rohstoffe des pflanzenreiches. 4. aufl. II. bd. Hölzer bis zucker. Leipzig, W. Engelmann, 1928.

Yoshikawa, M.
Washington's Japanese cherries. [1927?]

Zahlbruckner, A.
Catalogus lichenum universalis bd.5, bog. 11-20. Leipzig, Borntraeger, [1928]

Translations available in the Bur. of Plant Industry Library.

Coupin, H.
Sur la nutrition carbonée d'une mucorinée? Le Rhizopus nigricans (On the carbon nutrition of one of the mucorineae, Rhizopus nigricans). Compt. Rend. Acad. Sci. Paris. 186: 251-253. Ja.23,1928.

Jørstad, I.
Norske skogsykdommer (Norwegian tree-diseases) Medd. Norske Skogsforsøks. no.6. p.19-186. 1925.
Transl. of p.37-42 (Dasyscypha) & p.118-119 (Phomopsis on Abies)

Karakulin, B.P.
... Zur charakteristik der gattung Gloeosporium (Contribution to the characterization of the genus Gloeosporium). Bolezni Rast. (Morbi Plant.) 16: 54-60. illus. 1927.
Original in Russian.

Translations (cont.)

Merl, E.M.
Die prüfung von rotschwingelsaatgut auf echtheit (The examination of red fescue quality as to genuineness). Prakt. Blätt. Pflanzenb. u. Pflanzensch. 3: 273-287. Mr.1926,

Sawada, K.
Taiwan-san kinrui Chosa-Hokoku pt.3. (Descriptive catalogue of the Formosan fungi pt.3) Rep. Dept. Agr. Gov't Res. Inst. Formosa. no.27. p.3-7 1927.(Pythium)

Reprints from Journals not yet rec'd or not available.

Fisher, D.F. & Reeves, E.L.
Some effects of cleaning treatments on the keeping quality of apples and pears. Reprinted from Proc. Washington State Hort. Assoc. 1927. 15 p. illus.

Hino, I.
Early important records on phytopathological science in Orient. Reprinted from Nôgyô Oyobi Engei. 2: 1223-1334. illus. 1927.
Text in Japanese.
Contr. Phytotechn. Inst., Miyazaki, Japan 30.

McCubbin, W.A.
Metal poisoning in peaches. Reprinted from Proc. Pennsylvania Acad. Sci. 1: 1-2. 1927.

McCubbin, W.A. & Holdridge, F.L.
Observations on peach yellows. Reprinted from Proc. Pennsylvania Acad. Sci. v.1. 1 p. 1927.

Hino, I.
Hon. Frank Maddox, enthusiastic pioneer experimenter in Australia. Reprinted from Nôgyô Oyobi Engei. 3: 311-315. 1928.
Text in Japanese.
Contr. Phytotechn. Inst., Miyazaki, Japan, 32.

Correction.

Vol.10, no.5 under Ann. Bot., citation under Evans, D.I. paging should be 1-28, that for p. 29-38 should read:
Archbold, H. K.
Chemical studies in the physiology of apples VIII. Further investigations of the methods of determining the dry weight of apple pulp. Ann.Bot.42: 29-38. Ja.1928. no.165.

BOTANY
CURRENT LITERATURE

ADDITIONS TO THE BOTANICAL CATALOGUE, BUREAU OF PLANT INDUSTRY,
COMPILED FROM PUBLICATIONS RECEIVED IN THE
LIBRARY OF THE UNITED STATES DEPARTMENT OF AGRICULTURE, WASHINGTON, D. C.

Vol.10, Suppl. 1 Apr. 1928.

Entries for publications received in 1927 too late to be included as current literature, as well as some entries inadvertently omitted from current lists.

Acta Soc. Bot. Polon. (Warazawa)

Kotowski, F.
The efficiency of self- and cross-fertility in the onion. Acta Soc. Bot. Polon. 4(Num.Suppl.): 11-16 1926.

Kowalewska, Z.
Formation des tubercules sur les pousses photogéniques des pommes de terre. Acta Soc. Bot.Polon 4(Num.Suppl.): 60-61. illus. 1926.

Lipska, I.
Les effets morphologiques et physiologiques d'action des sulfates sur le Citromyces. Acta Soc. Bot. Polon. 4(Num.Suppl.): 42-59. 1926.

Miczyński, K.
Studja genetyczne nad rodzajem Aegilops I (Études génétiques sur le genre Aegilops I) Acta Soc. Bot. Polon. 4(Num.Suppl.): 20-41. illus. 1926.
Polish with French resume.

Stegówna, W.
Z przeminay materii u kanianki (Cuscuta lupuliformis) (Zur kenntnis des stoffwechesels bei Cusouta) Acta Soc. Bot. Polon. 4(Num.Suppl.):17-19. 1926.
Polish with German summary.

Zweigbaum, S.
Wpływ arseninu sodu, sody oraz formaliny na na kiełkowanie zrodnikow maczniaków (L'influence de l'arsenite de soude, du carbonate de soude et la formaline sur la germination des spores des Oidiums) Acta Soc. Bot. Polon. 4(num. Suppl.): 1-10. 1926.
Polish with French résumé.

Amer. Bot. (Joliet,Ill.)
Clute, W. N.
Useful plants of the world. Amer. Bot. 33, Suppl. p. 1-16, 17-32, 33-48, 49-64 1927; 34, Suppl.p. 65-80. Ja. 1928; 34:58-63. Ap. 1928.

Arch. Exp. Zellforsch. Gewebezucht. (Jena)
Kunkel, W.
Ueber die kultur von perianthgeweben. Arch. Exp. Zellforsch. Gewebezücht. 3:405-427. 1927. no. 4.

Arch. Mus. Nac. Rio de Janeiro
Andrade, A. A. de
Estudo das materias corantes de origem vegetalem uso entre os indios do Brazil e das plantas de que procedem. Arch. Mus. Nac. Rio de Janeiro. 28:175-199. 3 col. pl. D.1926(Rec'd D.1927)

Diogo, J. C.
As folhas das vellozias e seu apparelho regulador da transpiracão. Arch. Mus. Nac. Rio de Janeiro. 28:15-41. pl. i-v. D. 1926.(Rec'd D. 1927)

Sampaio, A. J. de
O problema florestal no Brazil, em 1926. Arch. Mus. Nac. Rio de Janeiro. 28: 53-173. D. 1926. (Rec'd D.1927)

Arch. Suikerind. Ned. Indie (Soerabaja)
Booberg, G.
Bibitrot en abnormale spruitontwikkeling ("glagahvorming") bij 2878 poj. Arch. Suikerind. Nederl.- Indie. 35: 789-791. Ag.1927. no. 31

Booberg, G.
Abnormale knopvorming en heksenbezemachtige uitgroeisels bij 2878 poj. Arch. Suikerind. Nederl. Indie 35: 886-889 6 pl. on 3. Ag. 1927 no. 35

Koningsberger, V. J.
In memoriam Dr. J. H. Wakker. Arch. Suikerind. Nederl. -Indie. 35: 968-973. S.1927.
Died July 25, 1927 at 68?
Publicaties van wijlen Dr. J.H.Wakker: p. 971-973.

Arch. Suikerind. Nederl. Indie (Meded.) (Soerabaja)
Breemen, P. J. van
Aphis maidis op suikerriet bij Pasoeroean. Arch. Suikerind. Nederl.-Indie. 1927. v. 35. pt. 3. (Meded. 1927) p. 557-577. 1927. no.12.

Breem, P. J. van
Verdere waarnemingen omtrent het zwermen van Aphis maidis Fitch. Arch. Suikerind. Nederl.- Indie. 1927. v. 35. pt. 3, (Meded.1927) p. 583-588. 1927. no.14.

Beitr. Pflanzenzucht, (Berlin)

Volk, A.

Neuere erfahrungen mit trockenbeizen. Beitr. Pflanzenzucht. 9:42-51. 1927.

Schaffnit, E.

Der gegenwärtige stand der forschung über viruskrankheiten. Beitr. Pflanzenzucht. 9:25-41. 1927.

Ber. Schweiz. Bot. Ges, (Zurich)

Bergdolt, E. F.

Die geographische verbreitung der marchantiaceengruppe der cleveiden in den Alpen. Ber. Schweiz. Bot. Ges. 35:1-13. illus. 1926.

Becherer, A.

Ueber das vorkommen von Delia segetalis in der Schweiz und in den französischen grenzgebieten. Ber. Schweiz. Bot. Ges. 35:14-28. 1926.

Biol. Medd. K. Danske Vidensk. (København)

Ostenfeld, C. H.

The flora of Greenland and its origin. Biol. Medd. K. Danske Vidensk. Selsk. v.6, no. 3. 71 p. 1926.

Blumen u. Pflanzenb.(Berlin)

Döring, E.

Ursachen und heilung der chlorose. Blumen- u. Pflanzenb. 42: 175-177. Je.9,1927. no. 12.

Flachs, K.

Blattfleckenkrankheiten an stiefmütterchen. Blumen- u. Pflanzenb. 42: 162-163. illus. My. 26, 1927. no. 11.

Ramularia lactea, R. agrestis on Viola tricolor.

Flachs, K.

Brandfleckenkrankheit an dahlien. Blumen- u. Pflanzenb. 42: 64-65. illus. Mr. 3, 1927. no. 5.

Entyloma calendulae.

Flachs, K.

Gelegenheitsschmarotzer an gärtnerischen kulturpflanzen. Blumen- u. Pflanzenb. 42: 194-195. illus. Je. 23, 1927.

Spumaria alba (Mucilago spongiosa) on clover, cucumber, &c.; Physarum gyrosum causing severe injury to asparagus; Didymium anellus on lettuce. All in propagating frames or hothouses.

Flachs, K.

Schrotschusskrankheit an kirschlorbeer. Blumen- u. Pflanzenb. 42: 65. Mr.3, 1927. no.5.

Clasterosporium lauro-cerasi.

Blumen u. Pflanzenb. (Berlin) (cont.)

Flachs, K.
Weitere beschädigungen an azaleen durch Acalla schalleriana L. und Pestalozzia spec. Blumen- u. Pflanzenb. 42: 94. Mr.31, 1927. no. 7.

Glindemann, F.
Die aelchenkrankheit an den chrysanthemum. Blumen- u. Pflanzenb. 42: 362-363. N. 10, 1927. no. 23.

Kreuzpintner, J.
Hortensienversuch gegen die chlorose. Blumen- u. Pflanzenb. 42: 307-308. S.29, 1927. no.20.

Ludwigs, K.
Meltau an hortensien. Blumen- u. Pflanzenb. 42: 295-296. S.15, 1927. no.19.

Naumann, A.
Bekämpfungsmassnahmen gegen "Septoria azaleae". Blumen- u. Pflanzenb. 42: 32 F.3, 1927 no.3

Wehrhahn, H. R.
Uebersicht über die niedrigen phloxarten. Blumen- u. Pflanzenb. 42: 384-388. illus. D.8,1927. no. 25.

Bol. Union Panamer. (Washington, D.C.)

Popenoe, W.
El aguacate: su cultivo y distribución. Bol. Union Panamer. 1926: 329-347. illus, Ap.1926.

Bolezni Rast. (Morbi Plant.) (Leningrad)

Burgwitz, G. K.
... Wasserfäule der tomatenfrüchte. Bolezni Rast. (Morbi Plant.) 15: 105-116. 1926. no. 3
Russian with German summary.
Bacterial disease, organism distinct from B. aroideae.

Eremeeva, A.
... Beobachtungen über das aecidienstadium des "weizenbraunrostes" Puccinia triticina Erikss. Bolezni Rast. (Morbi Plant.) 15: 145-155. 1926. no. 4
Russian with German summary.

Filippov, G. S.
... Ueber die schimmelpilze aus der gruppe Mucorineae. Bolezni Rast. (Morbi Plant.) 15: 175-186. illus. 1926. no.4
Russian.

Bolezni Rast. (Morbi Plant.) (Leningrad)(cont.)

Teterevnikova, D. M.
... Beobachtungen über biologische arten Puccinia graminis. Bolezni Rast. (Morbi Plant.) 15: 155-175. 1926. no.4
Russian.
English review in Rev. Appl. Mycol. 7:147 (6:718)

Vanin, S.
... Zur frage über den einfluss des blauwerdens auf die imprägnierung des holzes. Bolezni Rast. (Morbi Plant) 15: 187-192. illus. 1926. no.4
Russian with German summary.

Zaprometov, N. L.
... Saffron brown leaf spot. Bolezni Rast. (Morbi Plant.) 15: 141-142. 1926. no.3
Russian.
Ramularia carthami.
English review in Rev. Appl. Mycol. 7: 165.

Ziling, M.
... Ueber vom kornbrand teilweise befallenen weizenkorner. Bolezni Rast. (Morbi Plant.) 15: 117-124. illus. 1926. no.3
Russian with German summary.

Boll. Ist. Sieroterapico Milan.

Tomasi, A. de
Richerche sul Bacillus felsineus Carbone. Boll. Ist. Sieroterapico Milan. 5:349-364. D.1926. no.6.

Boll. R. Staz. Patol. Veg. Roma (Firenze)

Filippopulos, G. K.
Azione di alcuni composti venefici sopra la fumaggine dell'olivo. Boll. R. Staz. Patol. Roma. n.s. 7:330-346. illus. Jl./S. 1927. no.3
Bibliografia: p. 346.
Alternaria tenuis & Cladosporium herbarum invariably present, therefore concludes that this condition not due to Capnodium exclusively.

Mercuri, S.
Marciume radicale del carciofo. Boll. R. Staz. Patol. Roma. n.s. 7:347-364. illus. Jl./S. 1927. no.3.
Rosellinia necatrix

Petri, L.
Ricerche sulle cause del mal secco dei limoni in provincia di Messina e sui mezzi per cambatterlo. Boll. R. Staz. Patol. Veg. Roma. n.s. 7: 229-284. illus. Jl./S 1927.no.3
Colletotrichum gloeosporioides

Boll. R. Staz. Patol. Veg. Roma (cont.)

Peyronel, B.

Nuove osservazioni sulla biologia e sulla distribuzione geografica della Valdensia heterodoxa. Boll. R. Staz. Patol. Veg. Roma. n.s. 7: 285-296. illus. Jl./S. 1927. no. 3.

Pulselli, A.

Microcera coccophila Desm. (1848). Boll. R. Staz. Patol. Roma. n.s. 7:300-329. illus. Jl./S. 1927. no. 3.

M. coccophila perfect stage of Sphaerostilbe coccophila.

Sibilia, C.

Esperience di lotta contro le ruggini del grano con polverizzazioni di zolfo. Boll. R. Staz. Patol. Roma. n.s. 7:364-366. Jl./S. 1927. no.3.

Sibilia, C.

Ipertrofia del parenchima corticale in nodi di "Triticum". Boll. R. Staz. Patol. Veg. Roma. n.s. 7:297-300. illus. Jl./S. 1927. no. 3.

See also entries at end of list.

Bot. Jahrb. Engl. (Leipzig)

Alvarado, S.

Der morphologische aufbau des hüllkelches der dipsaceen. Bot. Jahrb. Engler. 61(Beibl. 138): 10-21. pl. ix. Je. 1927. no. 2/3.

Christiansen, W.

Die vegetationsverhältnisse der dünen auf Föhr. Bot. Jahrb. Engler. 61:51-64. Je. 1927. no.2/3.

Engler, A.

Podostemonaceae americanae novae. Bot. Jahrb. Engler. 61(Beibl. 138): 1-9. pl. viii. Je. 1927. no.2/3.

Jenmaniella nov.gen.

Fenaroli, L. & Zahn, K. H.

Hieracia nova Italiae borealis (Avec remarques sur H. australe Fr.) Bot. Jahrb. Engler. 61(Beibl. 138): 22-30. Je. 1927. no. 2/3.

Knuth, R.

Species novae africanae generis Oxalis In Engler, A. Beiträge zur flora von Afrika LIII. Bot. Jahrb. Engl. 61(Beibl. 139): 1-27 Je.15,1927. no.2/3.

Bot. Jahrb. Engl. (Leipzig) (Cont.)

Lauterbach, C.
Beiträge zur flora von Papuasien XIV. (116-117)
Bot. Jahrb. Engler 61: 65 -222. pl. x. Je.1927.no.2/3.
116. Valeton, Th. Die rubiaceen, II. 117.
Markgraf, F. Die apocynaceen.

Reverdatto, V.W.
Die vegetationszonen der Abakansteppe (Süd-Sibirien). Bot. Jahrb. Engler. 61:292-256, 257-262. pl.xi. (map). Je., N. 1927 no.2/3.
Uebersetzung aus dem Russischen aus Iswest. Tomsk. Gosud Univ. 1925, bd.LXXV. Die übersetzung durchgesehen von Selma Ruoff.

Schwartz, O.
Zur systematik und geographie der pontederiaceen. Studien zu einer monographie der familie. Bot. Jahrb. Engler. 61(Beibl. 138): 28-50. Je. 1927. no.2/3.

Bull. Canad. Gladiolus Soc.

Drayton, F. L.
The diseases of the gladiolus. Bull. Canad. Gladiolus Soc. 4:10-15. illus. Mr. 1927.

Bull. Dept. Agr. Bengal

Kar, P. C.
Some common fungoid diseases of crops and their preventive measures. Bull. Dept. Agr. Bengal.1926, no.3 7 p.

Bull. Dept. Agr. Kenya (Nairobi)

Anderson, T. J.
Legislative measures in the control of insect pests and plant disease. Bull. Dept. Agr. Kenya. 10. 7 p. (1927)

Burton, G. J. L.
Some of the cereals in Kenya Colony with particular reference to wheat and the breeding of suitable varieties thereof. Bull. Dept. Agr. Kenya. 16. 11 p. (1927)

McDonald, J.
Some factors influencing the occurrence and distribution of plant diseases in Kenya. Bull. Dept. Agr. Kenya. 13. 7p. (1927)

Bull. Midl. Agr. Dairy Coll. Sutton Bonington

Stirrup, H. H. & Ewan, J. W.
Report on celery blight and its prevention. Bull. Midl. Agr. Dairy Coll. Sutton Bonington. 14. 12 p. illus. Jl. 1926.

Bull. Pan. Amer. Union
Pennell, F. W.
Botanical travel in Peru and Chile. Bull. Pan Amer. Union 1926: 1226-1239. illus. D. 1926.

Bull. Soc. Hist. Nat. Afr. Nord.(Alger)
Fischer, E.
Etude expérimentale de quelques urédinées de la région méditerranéenne. Bull. Soc. Hist. Nat. Afrique Nord. 18:190-196. 1927. no.8
Euphorbia characias hôte de Endophyllum euphorbiae silvaticae (DC)Wint. - Gymnosporangium sur Juniperus oxycedrus et phoenicea.

Bull. Tea Res. Inst. Ceylon
Gadd, C. H.
Report of the mycologist Jl. 1 to Dec. 31, 1926. Bull. Tea Res. Inst. Ceylon. 1:7-15. 1927.
In Ann. Rep. Tea Res. Inst. Ceylon.

Centralbl. Bakt. Abt.II (Jena)
Breed, R. S. & Breed, M. E.
The genus Serratia Bizio. Centralbl. Bakt. II, 71: 435-440. Ag.1927. no.15/24.

Koch, M. & Ziegenspeck, H.
Die pettenkoferien als erzeuger des d'Hérelleschen phänomens. Centralbl. Bakt. II, 71: 433-435. Ag.1927. no.15/24.
Vorläufige mitteilung der hauptarbeit in Mez Arch. der ges. botanik.

Cold Spring Harbor Monogr.
Henderson, L. B.
The effect of the tides on pollination and rate of growth in Plantago. Cold Spring Harbor Monogr. X. 15 p. Je.1926.

Compt. Rend. Assoc. Franc. Avanc. Sci.
Musy, I. M.
A propos de la rhubarbe de Chine, importation en Europe, origine. Compt. Rend. Assoc. Franç. Avanç. Sci. 49(1925): 737-739, 1926.

Scharff, R. F.
Sur le probleme de l'ile de Krakatau. Compt. Rend. Assoc. Franç.Avanc. Sci. 49 (1925): 746-750. 1926.

Curiamo Piante (Milan)
Ferraris, T.
La "nebbia" della Robinia pelosa (Robinia hispida L.) Curiamo Piante.4: 113-115. illus. Je.1927. no.6.
Oidium monosporium

Curiamo Piante (Milan)(cont.)

Ferraris, T.
Necrosi corticale del pero provocata dalla Cytospora microspora Rabh. Curiamo Piante. 4: 44-46. illus. Mr. 1927. no.3.

Ferraris, T.
Le ruggini del pero e del cotogno. Curiamo Piante. 4: 91-95. illus. My.1927. no. 5
Gymnosporangium sabinae

Ferraris, T.
Seccume fogliare del carciofo prodotto da Ramularia cynarae Sacc. Curiamo Piante 4: 53-54. illus. Mr.1927. no.3.

Ferraris, T.
Seccume primaverile delle foglie di grano prodotto dalla "Septoria tritici" Desm. Curiamo Piante. 4: 72-74. illus. Ap.1927. no.4.

Ferraris, T.
Trittico di funghi pomicoli. Curiamo Piante. 4: 27-30. illus. F.1927. no.2.
Trichothecium candidum & Fusidium bonordei associated with Fusicladium dendriticum.

Lanza, M.
Il seccume dei rami di Ribes prodotto dalla "Nectria cinnabarina" Fries. Curiamo Piante. 4: 46-53. illus. Mr.1927. no.3.

Passalacqua, T.
La septoriosi del sedano prodotta dalla "Septoria apii" Chester. Curiamo Piante.4: 111-113. illus. Je.1927. no.6.

Passalacqua, T.
Vaiolatura fogliare dell'ortensia prodotta da una Phyllosticta. Curiamo Piante, 4: 5-7. illus. Ja. 1927. no.1.
Phyllosticta hydrangeae var. europaea.

Passalacqua, T.
La vaiolatura rossa delle fragole e la forma primaverile della Ramularia tulasnei. Curiamo Piante. 4: 70-72. illus. Ap.1927. no.4.

Passalacqua, T.
Il vajolo della melanzana prodotto dall "Ascochyta hortorum" (Spegazz.) Smith C.A. Curiamo Piante. 4: 129-130. Jl.1927. no.7.

Hacienda (Buffalo)
Popenoe, W.
Il cultivo del mango en Ibero-america
Hacienda. 22: 376-379. illus. D.1927. no.12.
Said to be reprinted from Bull. Pan Amer. Union, Spanish ed.

Illus. Landw. Zeit. (Berlin)
Leidner, R.
Die anwendung der heisswasserbeize zur bekämpfung des weizen- und gerstenflugbrandes. Illus. Landw. Zeit. 47:548-549. O. 21, 1927. no.42.

Indische Mercuur (Amsterdam)
Prinsen-Geerligs, H. C.
Dr. J. H. Wakker. Ind. Mercuur. 50:561. Ag.3, 1927. no.31.
Died July 25, 1927, 68 years

Intern. Rev. Agr. (Rome)
Hallage, R.
Syria: fungous diseases of the pistachio tree
Intern. Rev. Sci. Agr. n.s., 18: 182T-183T. Ap. 1927. no.3.
Rust (Uromyces terebinthi) Septoria pistacina

Maire, R.
Algeria: plant diseases observed in March 1927.
Intern. Rev. Sci. Agr. n.s.18: 243T-244T. My. 1927. no.4.
Disease of potato due to Sclerotinia sclerotiorum & of artichokes, resembling "frisolée" of potatoes.

Marchal, E.
Belgium: parasitic fungi recently observed for the first time on cultivated plants. Intern. Rev. Sci. Agr. n.s.18: 244T-245T. My.1927. no.4.

Izv. Glavn. Bot. Sada SSSR. (Bull. Jard.Bot.Prin. U.R.S.S.) (Leningrad)
Alechin, V. V. & Syreishchikov, D. P.
...Viginti quinque plantarum novarum flore Mosquensis. Izv. Glavn. Bot. Sada SSSR (Bull. Jard. Prin. U.R.S.S.) 26: 74-77. 1927. no.1.

Aleksandrov, V. & Shanidze, M. A.
... Ueber die abhängigkeit der grösse der blattschwammparenchymelemente von der intensität de ableitenden ströme. Izv. Glavn. Bot. Sada SSR (Bull. Jard. Bot. Prin. U.R.S.S.) 25: 373-378. 1926. no.4.
Russian with German summary.
Experiments with Bryonia dioica.

Izv.Glavn.Bot. Sada SSSR. (Bull.Jard.Bot.Prin. U.R.S.S.) (Leningrad) (cont.)

Bobrov, E. G.
... Ueber die nordliche grenze der eiche im gouvernement Tscherepowetz. Izv. Glavn. Bot. Sada SSSR (Bull. Jard. Bot. Prin. U.R.S.S.) 26: 26-30. illus. 1927. no.1.
Russian with German summary.

Bobrov, E. G.
Wiedemannia multifida Benth. in der flora des Europaeischen Russlands. Izv. Glavn. Bot. Sada SSSR(Bull. Jard. Bot. Prin. U.R.S.S.) 26: 174-176. 1927. no.2.
Russian with German summary.

Bulavkina, A. A.
... Die materiale der vegetation längs der Murmanischen eisenbahnlinie. Izv. Glavn. Bot. Sada SSSR (Bull. Jard. Bot. Prin. U.R.S.S.) 26: 154-173. 1927. no.2.
Russian with short German summary.

Danilov, A. N.
... Les conditions de la formation des pigments chez Isaria virescens Elenk. et Danil. Izv. Glavn. Bot. Sada SSSR (Bull. Jard. Bot. Prin. U.R.S.S.) 26: 118-129. 1927. no.2.
Russian with French résumé.

Danilov, A. N.
... Isaria virescens Elenk. et Danil. dans les conditions de culture. Izv. Glavn. Bot. Sada SSSR (Bull. Jard. Bot. Prin. U.R.S.S.) 26: 1-8. pl. 1927. no.1.
Russian with French résumé.

Descriptio specierum novarum 2 in Horto botamico U.S.S.R. cultarum Izv. Glavn. Bot.Sada SSSR. (Bull. Jard. Bot. U.S.S.R.) 26: 183 1927. no.2.
Sedum parvistamineum V.Petrov, Hieracium siphomantum Juz. et Bystr.

Elenkin, A. & Ohl, L.
... Die fortschritte der floristischen algologie in USSR während der letzten 25 jahre. Izv. Glavn. Bot. Sada SSSR (Bull. Jard. Bot. Prin. U.R.S.S.) 25: 205-217. 1926. no.3.
Russian with German summary.

Izv.Glavn.Bot. Sada SSSR. (Bull.Jard.Bot.Prin. U.R.S.S.) (Leningrad) (cont.)

Bobrov, E. G.
... Ueber die nordliche grenze der eiche im gouvernement Tscherepowetz. Izv. Glavn. Bot. Sada SSSR (Bull. Jard. Bot. Prin. U.R.S.S.) 26: 26-30. illus. 1927. no.1.
Russian with German summary.

Bobrov, E. G.
Wiedemannia multifida Benth. in der flora des Europaeischen Russlands. Izv. Glavn. Bot. Sada SSSR(Bull. Jard. Bot. Prin. U.R.S.S.) 26: 174-176. 1927. no.2.
Russian with German summary.

Bulavkina, A. A.
... Die materiale der vegetation längs der Murmanischen eisenbahnlinie. Izv. Glavn. Bot. Sada SSSR (Bull. Jard. Bot. Prin. U.R.S.S.) 26: 154-173. 1927. no.2.
Russian with short German summary.

Danilov, A. N.
... Les conditions de la formation des pigments chez Isaria virescens Elenk. et Danil. Izv. Glavn. Bot. Sada SSSR (Bull. Jard. Bot. Prin. U.R.S.S.) 26: 118-129. 1927. no.2.
Russian with French résumé.

Danilov, A. N.
... Isaria virescens Elenk. et Danil. dans les conditions de culture. Izv. Glavn. Bot. Sada SSSR (Bull. Jard. Bot. Prin. U.R.S.S.) 26: 1-8. pl. 1927. no.1.
Russian with French résumé.

Descriptio specierum novarum 2 in Horto botamico U.S.S.R. cultarum Izv. Glavn. Bot.Sada SSSR. (Bull. Jard. Bot. U.S.S.R.) 26: 183 1927. no.2.
Sedum parvistamineum V.Petrov, Hieracium siphomantum Juz. et Bystr.

Elenkin, A. & Ohl, L.
... Die fortschritte der floristischen algologie in USSR während der letzten 25 jahre. Izv. Glavn. Bot. Sada SSSR (Bull. Jard. Bot. Prin. U.R.S.S.) 25: 205-217. 1926. no.3.
Russian with German summary.

Izv.Glavn.Bot.Sada SSSR. (Bull.Jard.Bot.Prin.U.R.S.S.) (cont.)

Fedchenko, B. A.
... On the vertical range of ferns in the mountains of Turkestan. Izv. Glavn. Bot Sada SSSR (Bull. Jard. Bot. Prin. U.R.S.S.) 26: 66-70. 1927. no.1.
Russian with very brief English summary.

Gerasmov, D. A.
... Klimaänderungen und waldentwicklung des gouvernements Twer während der postglacialen zeit nach den ergebnissen von torfmoorstudien. Izv. Glavn. Bot. Sada SSSR (Bull. Jard. Bot. Prin. U.S.S.R.) 25: 319-362. tables. 1926. no.4.
Russian with German summary.

Gorshkova, S. G.
... Uebersicht der in der U.S.S.R. vorkommenden arten der gattung Myricaria. Izv. Glavn. Bot. Sada SSSR. (Bull. Jard. Bot. Prin. U.R.S.S.) 26: 177-182. 1927. no.2.
Russian with German summary.

Ikonnikov-Falitsky, N. P.
... Notice sur l'espèce Phlomis marrubioides Rgl. Izv. Glavn. Bot.Sada SSSR (Bull. Jard. Bot. Prin. U.R.S.S.) 26: 71-73. 1927. no.1
Russian with French résumé.

Il'insky, A. P.
... On vegetative reproduction and phylogeny of some species of Cardamine. Izv. Glavn. Bot. Sada SSSR (Bull. Jard. Bot. Prin. U.R.S.S.) 25: 363-372. illus., pl. (map) 1926. no.4.
Russian with English summary.

Iljin, M. M.
... A la mémoire de Mr. C. Kossinsky. Izv. Glavn. Bot. Sada SSSR (Bull. Jard.Bot. Prin.U.R.S.S.) 26: 112-117. port. 1927. no.2.
Works of K. K. Kosinsky: p.114.
Russian with brief French résumé.

Iljin, M. M.
... A review of the section Phalolepis Cass. of the genera Centaurea in the region of European Russia. Izv. Glavn. Bot. Sada SSSR. (Bull. Jard. Bot. Prin. U.R.S.S.) 26: 31-38. 1927. no.1.
Russian with Latin diagnosis of new species (C. pineticola, C. breviceps, C. dubjanski).

Izv.Glavn.Bot.Sada SSSR. (Bull.Jard.Bot.Prin.U.R.S.S.) (cont.)

Ivanova, N. A.
... Sur l'historie de la végétation de la partie centrale de R.S.F.S.R. Izv. Glavn. Bot. Sada SSSR (Bull. Jard. Bot. Prin. U.R.S.S.) 25: 242-257. 1926. no.3.
Russian with French résumé.

Juzepchuk, S. V.
... O Potentilla oweriniana auctt. Izv. Glavn. Bot. Sada. SSSR (Bull. Jard. Bot. Prin. U.R.S.S.) 25: 232-241. 1926. no.3.
Russian with German summary and Latin diagnosis of new spec. (P. ghalghana)

Kokin, A. I.
... On the factors determining the specific energy of accumulation of solid matters by green plants. Izv. Glavn. Bot. Sada SSSR (Bull. Jard. Bot. Prin. U.R.S.S.) 25: 379-412. 1926. no.4.
Russian with English summary.

Kokina, S. I.
... Zur frage über den einfluss der bodenfeuchtigkeit auf pflanzen. Izv.Glavn. Bot. Sada SSSR (Bull. Jard. Bot. Prin. U.R.S.S.) 26: 48-65. 1927. no. 1.
Russian with German summary.

Lebedintseva, E. V.
... Physiologische und anatomische eigenarten der in trockner und feuchter luft kultivierten pflanzen. Izv. Glavn. Bot. Sada SSSR (Bull. Jard. Bot. Prin. U.R.S.S.) 25: 413-432. 1926. no.4.
Russian with German summary.

Lozina-Lozinskaja, A. S.
... Die Mongolischen arten der gattung Atraphaxis. Izv. Glavn. Bot. Sada SSSR (Bull. Jard. Bot. Prin. U.R.S.S.) 26: 39-47. illus. 1927. no.1.
Russian with German summary & Latin diagnosis of new spec. (Atraphaxis bracteata, A. tortuosa).

Orlovsky, N. I.
... Ueber den einfluss verschiedenen quantitäten von chlorophyll auf den täglichen gang der transpiration bei der zuckerrübe. Izv. Glavn. Bot. Sada SSSR. (Bull. Jard. Bot. Prin. U.R.S.S.) 25: 258-265. 1926. no.3.
Russian with German summary.

Izv.Glavn.Bot.Sada SSSR. (Bull.Jard.Bot.Prin.U.R.S.S.) (cont.)

Povarnitsyn, V. A.
... Die Bergenia crassifolia und deren vegetations-bedingungen am Baikalsee. Izv. Glavn. Bot. Sada SSSR (Bull. Jard. Bot. Prin. U.R.S.S.) 25: 218-222. 1926. no.3.
Russian with German summary.

Proskoriakov, E. I.
... Postflorale erscheinungen und wachstumsverhältnisse der blütentriebe bei Tussilago farfara L. und Anemone patens L. Izv. Glavn. Bot. Sada SSSR (Bull. Jard. Bot. Prin. U.R.S.S.) 26: 9-25. 1927. no.1.
Russian with German summary.

Rozanova, M. A.
... Sur la variabilité des caractères végétatifs et génératifs de l'Anthoxanthum odoratum L. Izv. Glavn. Bot. Sada SSSR (Bull. Jard. Bot. Prin. U.R.S.S.) 25: 223-231. fold. tab. 1926. no.3.
Russian with French résumé.

Savicz, L. I. & Savicz, V. P.
Bryotheca rossica. Regionibus confinibus completa. Edidit Hortus botanicus principalis U.S.S.R. Decas I- Izv. Glavn. Bot. Sada SSSR. (Bull. Jard. Bot. Prin. U.S.S.R.) 26: 78-80, 184-187 1927 no.1.

Skvortsov, B. V.
... Fragmenta florae Manshuriae. Izv. Glavn. Bot. Sada SSSR. (Bull. Jard. Bot. Prin. U.R.S.S.) 26: 81-84. 1927. no.1.
New varieties of Juglans manschurica.
Russian, Latin diagnosis.

Sukachev, V. N.
... Sur le vicarisme local de Rosa cinnamomea s.l. Izv. Glavn. Bot. Sada SSSR (Bull. Jard. Bot. Prin. U.R.S.S.) 26: 97-111. illus. 1927. no.2.
Russian with French résumé.

Vasilevskaja, N. A.
... Vegetation in the southeastern part of the sand desert Karakum. Izv. Glavn. Bot. Sada SSSR (Bull. Jard. Bot. Prin. U.R.S.S.) 26: 130-153. 1927. no.2.
Russian with English summary.

Izv.Tomsk.Gosudarstv. Univ. (Ber.Tomsker Staats Univ.)

Lavrov, N.
... Materialen zu einer mykoflora des unterlaufs des Jenissei und der Inseln des Jenissei-Busens Izv. Tomsk. Gosudarstv. Univ. (Ber. Tomsker Staats-Univ.)77:158-177 1926 no.2.
Russian with Latin diagnosis of new species & var. (Peridermium krylowianum, Phyllosticta erastophila var. digraphidis)

Lavrov, N.
... Die neue siberische rostpilz Puccinia reverdattoana Izv.Tomsk Gosudarstv. Univ. (Ber. Tomsker Staats-Univ.) 77: 3-5 pl. 1926.no.1.
Russian with Latin diagnosis.

Reverdatto, V. V. & Kal'nits, V.
... Ueber die federstipen(des zyklus Stipa pennata L.) der Sibirischen steppen. Izv. Tomsk. Gosudarstv. Univ. (Ber. Tomsker Staats-Univ.) 77:293-300 1927 no.3.
Russian.

Sergievskaja, L. P.
... Phyto-phaenologische beobachtungen der jahre 1919-21 und 1922-25 in Tomsk und dessen umgegend Izv. Tomsk. Gosudarstv. Univ. (Ber. Tomsk Staats-Univ. 77: 209-278. 1927. no.3.
Russian.

Shishkin, B.
... Table analytique des espèces tauricocaucasiennes du genre Silene Izv. Tomsk. Gosudarstv.Univ. (Ber. Tomsker Staats-Univ.) 77:279-292 1927 no.3.
Russian, Latin diagnosis of new spec. S. cyri, S.artwinensis,S.alpicola,S.araratica.

Journ. Biol. Chem. (Baltimore)

Dye, M., Medlock, O. C. & Crist, J. W.
The association of vitamin A with greenness in plant tissue. Journ. Biol. Chem. 74:95-106. Jl. 1927. no.1.
I. The relative vitamin A content of head and leaf lettuce.

Journ. Bot. Soc. So. Afr. (Cape Town)

Adamson, R. S.
Alien trees at Kirstenbosch. Journ. Bot. Soc. So. Africa. 13:17-20. 1927.

Journ. Dept. Agr. Victoria (Melbourne)

Brittlebank, C. C.

A garden fungus disease. A wilt of tomatoes, Iceland poppies and other garden plants caused by the fungus Phytophthora cryptogea (Pethy. and Lafferty) Journ. Dept. Agr. Victoria 25: 380-381. Je. 1927. no.6.

Journ. Infect. Dis.

Clark, E. B.

Effect of gentian violet and mercurochrome on Endomyces albicans, with special reference to the mycelial form. Journ. Infect. Dis. 40:423-434. Mr. 1927. no.3.

Dvorak, M.

The effect of mosaic on the globulin of potato. Journ. Infect. Dis. 41:215-221. S. 1927.no.3

Journ. Lab. & Clin. Med. (St. Louis)

Balyeat, R. M.

Factors which determine the pollen content of the air. Journ. Lab. & Clin. Med. 12:1151-1156. S. 1927. no.12.

Piness, G. & McMinn, H. E.

The rôle of the structural features of pollen grains in identifying the most important hay fever plants of California. Journ. Lab. & Clin. Med. 12:1164-1178. S. 1927. no.12.

Kranke Pflanze (Dresden)

Hoffmann, G.

Das germisan - kurz - beizverfahren. Kranke Pflanze. 4:143-144. S. 1927. no.9.

Lancet (London)

Prausnitz, C.

Experimental researches on the nature of the bacteriophage. Lancet. 213:535-538. S. 10, 1927. no.5428.

Malayan Agr. Journ. (Kuala Lumpur)

Dennett, J. H.

Final observations on the Nipah palm as a source of alcohol. Malayan Agr. Journ. 15:420-432. D. 1927. no.12.

Mater. Mikol. i Fitopat. (Mater. Mycol. & Phytopath.) (Leningrad)

Antokol'skaja, M. P.
... Experiments and observations on Sclerotinia libertiana on sunflower. Mater. Mikol. i Fitopat. (Mater. Mycol. & Phytopath.) 5(2): 7-23. illus. 1926.
Russian.
English review in Rev. Appl. Mycol. 6: 730.

Bachtin, V. S.
... On the oospores of Peronospora hyoscyami De Bary. Mater. Mikol.i Fitopat. (Mater.Mycol. & Phytopath.) 5(2):158-160. illus. 1926.
Russian.

Bachtin, V. S.
... On the systematics of the genus Phytophthora. Mater. Mikol. i Fitopat. (Mater. Mycol. & Phytopath.) 5: 85-91. 1926. no.1.
Russian.

Bachtin, V. S. & Shurshin, P. I.
... Some facts about the Phytophthora disease of the tomato. Mater. Mikol. i Fitopat. (Mater. Mycol. & Phytopath. 5:75-84 illus. 1926. no.1.
Russian.

Chernetskaja, Z. S.
... Diplodia pinea Kickx as a dangerous parasite on pine. Mater. Mikol. i Fitopat. (Mater. Mycol. & Phytopath.) 5(2): 24-28. illus. 1926.
Russian.

Chernetskaja, Z. S.
... New species of the North-Caucasian mycoflora. Mater. Mikol. i Fitopat. (Mater. Mycol. & Phytopat.) 5(2): 161-176. includ. vi pl. 1926.
Russian.

Demidova, Z.
... Studies on species of Septoria on grasses. Mater. Mikol. i Fitopat. (Mater.Mycol. & Phytopath 5(2):133-157 incl. pl. 1926.
Russian.
Septoria falcispora n. sp.
German review in Bot. Centralbl. 153: 58.

Mater. Mikol. i Fitopat. (Mater. Mycol. & Phytopath.) (cont.)

Dorogin, G. N.
... Key for the determination of potato diseases. Mater. Mikol. i Fitopat. (Mater. Mycol. & Phytopath.) 5: 37-40. 1926. no. 1.
Russian.

Jaczewski, A. A.
... The bacteriophage in adaptation to phytopathology Mater. Mikol. i Fitopat. (Mater. Mycol. & Phytopath.) 5(2):199-210. 1926.
Russian.
English review in Rev. Appl. Mycol.6:717.

Jaczewski, A. A.
... Windfall in connection with parasitic fungi on trees. Mater. Mikol. i Fitopat. (Mater. Mikol. & Phytopath.) 5: 58-74. illus. 1926. no. 1.
Russian.
English review in Rev. Appl. Mycol. 6: 200-201.

Jaczewski, A. A.
... Witches broom of potato. Mater.Mikol. i Fitopat. (Mater.Mycol. &Phytopath.) 5(2): 117-128. illus. 1926.
Russian.
English review in Rev. Appl. Mycol. 6:746.

Lebedeva, L. A.
... Tricholoma rutilans (Schaeff.) Quélet. Mater. Mikol. i Fitopat. (Mater. Mycol. & Phytopath.) 5: 45-54. illus. 1926. no.1.
Critical note on the systematics of fungi from the type Tricholoma rutilans.
Russian.

Murashinsky, K. E.
... New fungi from east Asia. Mater. Mikol i Fitopat. (Mater.Mycol. & Phytopath) 5(2):1-6. illus. 1926.
Latin diagnosis.
Systremma spiraeae, Tuburcinia hierochloae, Diplodia cirsii igniarii, Ramularia cacaliae, Jaczewskiella(n.gen) J. altagensis.

Mater. Mikol. i Fitopat. (Mater. Mycol. & Phytopath.) (cont.)

Naumov, N. A.
... New fungi from the local flora. Mater. Mikol. i Fitopatol. (Mater. Mycol. & Phytopath.) 5:1-16 illus. 1926. no.1.
Russian with Latin diagnosis.
Ligniella n.gen. (L.pinicola); Siroligniella n. gen. (S.salicioola)

Rozhdestvenski, N. A.
... The smuts of cereals in Siberia in 1924. Mater. Mikol.i Fitopat. (Mater. Mycol. & Phytopath.) 5(2):187-198. 1926.
Russian.

Rusakov, L. F.
... The germination of teleutospores in Spring. Mater.Mikol.i Fitopat. (Mater. Mycol. & Phytopath.) 5(2):76-92. 1926.
Russian.

Rusakov, L.F.
... On the hibernation of the rust of cereals. Mater, Mikol. i Fitopat. (Mater. Mycol. & Phytopath.) 5:17-31. 1926. no. 1.
Russian.
German review in Bot. Centralbl. 151: 406.

Samofal, S. A.
... The parasitic fungi Armillaria mellea Quélet and Polyporus annosus Fries in pine forests, and their importance in forest culture. Mater. Mikol. i Fitopat. (Mater. Mycol. & Phytopath.) 5(2): 93-116. illus. 1926.
Russian.

Shitikova-Rusakova, A. A.
... Investigation on the spores of different fungi in the atmosphere. Mater. Mikol. i Fitopat. (Mater. Mycol. & Phytopath.) 5(2): 29-48. 1926.

Strelin, S.
... Brown rot of apricots. Mater. Mikol. i Fitopat. (Mater. Mycol. & Phytopath.) 5(2): 177-186. illus. 1926.
Russian.

Vanin, S. I.
... Analytical table for the determination of fungi growing in houses. Mater. Mikol. i Fitopat. (Mater. Mycol. & Phytopath) 5(2): 58-75. illus. 1926.
Russian.

Mater. Mikol. i Fitopat. (Mater.Mycol. & Phytopath.) (cont.)
Voronikhin, N. N.
... Notes on the two rust fungi, Puccinia coronillae Wor. and Aecidium coronillae Wor. Mater. Mikol. i Fitopat. (Mater. Mycol. & Phytopath.) 5: 55-57. illus. 1926. no.1.
Russian.

Min. & Proc. Froghopper Invest. Comm.
Briton-Jones, H. R.
A note on green muscardine (Metarrhizium anisopliae Sorokin) Min. & Proc. Froghopper Invest Comm. 9: 293-305. 1927.

Misc. Publ. Gt. Brit. Min. Agr. & Fish. (London)
Gt. Brit. Ministry of agriculture and fisheries.
Edible and poisonous fungi. Its Misc. Publ. 54. 29 p. 24 col.pl. 1926.

Mitt. Deut. Landw. Ges. (Berlin)
Mielck, O.
Beobachtungen über die krautfäule der kartoffel im jahre 1926. Mitt. Deut. Landw. Ges. 42:153. F. 5, 1927. no.6.
Late blight.

Mitt. Naturf. Ges. Bern.
Maurizio, A.
Spezialisierung der Podosphaera oxyacanthae de Bary. Mitt. Naturf. Ges. Bern. 1926: xxii-xxiii. 1927.
Author's abstract.

Nachr. Schädlingsbekämpfung (Leverkusen b. Köln a Rh.)
Arland, A.
Ein einfaches verfahren der prüfung von beizmitteln im laboratorium. Nachr. Schädlingsbekämpfung. 2:194-197. D. 1927. no.4.

Arland, A.
Die gewinnung flugbrandinfiziereter haferkörner. Nachr. Schädlingsbekämpfung. 2:145-147. Ag. 1927. no.3.

Nachr. Schädlingsbekämpfung (Leverkusen b. Köln a Rh.)

Behlen, W.
Eine untersuchung des wirkungswertes verschiedener nass- und trockenbeizmittel. Nachr. Schädlingsbekämpfung. 2:10-12. Mr. 1927. no.1.

Fuhr, & Rodian,
Erfahrungen mit staub- und spritzmitteln gegen Peronospora im jahre 1926 unter besonderer berücksichtigung von nosprasen, nosperit und nosprasit der I. G. farbenindustrie. Nachr. Schädlingsbekämpfung. 2:22-26. Mr. 1927. no.1.

Gaul,
Beizversuche zur bekämpfung des schneeschimmels bei roggen am fusse des Thüringer waldes. Nachr. Schädlingsbekämpfung. 2:136-139. illus. Ag. 1927. no.3.

Haase,
Die süsskirschenerkrankung in Oberbaden. Nachr. Schädlingsbekämpfung. 2:149-155. illus. Ag. 1927. no. 3
Gnomonia erythrostema.

Hanow, R.
Beizversuch bei erbsen. Nachr. Schädlingsbekämpfung. 2:88-89. My. 1927. no.2.

Heinsen, F.
Erfahrungen mit Uspulun. Nachr. Schädlingsbekämpfung. 2:148-149. Ag. 1927. no.3

Heuser, W.
Beizversuch zur bekämpfung der streifenkrankheit der gerste. Nachr. Schädlingsbekämpfung. 2:142-143. illus. Ag. 1927. no.3.

Hopfe,
"Uspulun", ein reizmittel für die blühwilligkeit. Nachr. Schädlingsbekämpfung. 2:20-21. illus. Mr. 1927. no.1.

Janson, A.
Ueber den schorf und andere korbweidenschädlinge. Nachr. Schädlingsbekämpfung 2: 161-164 Ag. 1927 no.3

Nachr. Schädlingsbekämpfung (Leverkusen b. Köln a Rh.)

Krings, P.
Stimulations- und beizversuche zu futterrüben. Nachr. Schädlingsbekämpfung. 2:13. Mr. 1927. no. 1.

Leichsenring,
Nassbeize - trockenbeize. Nachr. Schädlingsbekämpfung. 2:5-8. Mr. 1927. no. 1.

Macht, A.
Beizversuch mit trockenbeize tillantin (bisher trockenbeize "Höchst"). Nachr. Schädlingsbekämpfung. 2:69-76. My. 1927. no.2.

Neuer,
Trockenbeizversuche zu erbsen. Nachr. Schädlingsbekäampfung. 2:84-88. illus. My. 1927. no.2.

Nicolaisen, N.
Wie verhalten sich die einselnen buschbohnensorten zur brennfleckenkrankheit. Nachr. Schädlingsbekämpfung. 2:80-82. My. 1927. no.2.

Nilsson, G.
Das beizen von saatgut gegen Fusarium. Nachr. Schädlingsbekämpfung. 2:139-140. Ag. 1927.no.3.

Simon, E.
Die bekämpfung der reben-peronospora und des heu- u. sauerwurms. Nachr. Schädlingsbekämpfung. 2:34-37. Mr. 1927. no.1.

Soucek, K.
Feldversuche mit uspulun-universal und trockenbeize "tillantin". Nachr. Schädlingsbekämpfung. 2:191-192. D. 1927. no.4.

Ueberlhoer, W.
Fusarium und trockenbeize. Nachr. Schädlingsbekampfung. 2:141-142. Ag. 1927. no.3.

Weck,
Trocken- und nassbeizversuche sowie reizversuche zu flachs. Nachr. Schädlingsbekämpfung. 2:17-19. Mr. 1927. no.1.

Nachrichtenbl. Deut. Pflanzenschutz d. (Berlin)

Lang, W. & Arker, H.
Beobachtungen über die hopfen-Peronospora im jahre 1926. Nachrichtenbl. Deut. Pflanzenschutzd. 7:13-15, 27-28. F.-Mr.1927. no.2-3.

Wollenweber, H. W.
Das ulmensterben und sein erreger, Graphium ulmi Schwarz. Nachrichtenbl. Deut. Pflanzenschutzd. 7:97-100. O. 1927. no. 10.

Nat. Hist. (New York)

Lucas, F. A.
Charles Sprague Sargent, born April 24, 1841; died March 22, 1927. Nat.Hist. 27: 290-291 port. My./Je.1927 no.3.

Notulae Syst. Herb. Hort. Bot. USSR (Leningrad)

Fedchenko, B. A. & Basilevskaja, N. A.
... Revisio generis Bejaria Vent. Notulae Syst. Herb. Hort. Bot. U.S.S.R. 6: 37-45. Mr. 1926. no.3.
In English.
B. antioquiae, B. subserrata, B. boliviensis. B. congesta, B. lehmanniana, B. grisea, B. popayana, B. corymbosa, new spec.

Shishkin, B.
... Contributiones novae ad floram Turkestaniae. Notulae Syst. Herb. Hort. Bot. U.S.S.R. 6: 46-52. Mr. 1926. no.3.
Silene pseudo-tenuis, Gypsophila fedtschenkoana, new spec.
Russian with Latin diagnosis.

Notul. Syst. Inst. Crypt. Hort.Bot. USSR. (Leningrad)

Elenkin, A. A.
... De Sokolovia neumaniae mihi nov. sp. et gen.cyanophycearum novam familiam Sokoloviaceae mihi sistenti. Notulae Syst. Inst. Crypt. Hort. Bot. Prince. U.S.S.R. 4: 89-97. illus. Jl. 1926. no. 7.
Russian with Latin résumé.

Notul. Syst. Inst. Crypt. Hort. Bot. USSR. (Leningrad) (cont.)

Kosinskaja, E.
... De novo cyanophycearum genere Tildenia mihi ad novam familiam Tildeniaceae mihi ducto. Notulae Sys. Inst. Crypt. Hort. Bot. Prin. U.S.S.R. 4: 76-88. illus. Je.1926. no.5/6.
Russian with Latin résumé.

Kosinskaja, E. K.
... De petalonemate, sectione scytonematis, monographia. Notulae Syst. Inst. Crypt. Hort. Bot. Prin. U.S.S.R. 4: 57-75. illus. Je. 1926. no.5/6.
Russian with Latin résumé.

Lebedeva, L. A.
... De Cylindropsorium dictamni (Fuckel) Lebed. in foliis vivis Dictamni albi L. Notulae Syst. Inst. Crypt. Hort. Bot. Prin. U.S.S.R. 4: 97-100. Jl.1926. no.7.
Russian with Latin résumé.

Lebedeva, L. A.
Observationes mycophenologicae in Horto et in calidariis Horti botanici principalus U.S.S.R. XXVIII-XXXI. Notulae Syst. Inst. Crypt. Hort. Bot. Prin. U.S.S.R. 4: 101-104. Jl.1926. no.7.

Papers & Proc. R.Soc. Tasmania (Hobart)

Rodway, L.
Notes on some rare and interesting cryptograms. Papers & Proc. R. Soc. Tasmania. 1925:167-170. 1926.

Rodway, L.
On the occurrence of Wolffia arrhiza, Wimm., in Tasmania. Papers & Proc. R. Soc. Tasmania. 1925:11-13. illus. 1926.

Walkdom, A. B.
Notes on some Tasmanian mesozoic plants. Papers & Proc. Roy. Soc. Tasmania. 1925: 63-74. pl.ix. 1926.

Pharm. Acta Helv.

Jaccard, P.
L'arganier, sapotacée oléagineuse du Maroc.
Pharm. Acta Helv. 1: 203-209. -illus. N.1926 no.11.
Argania siderxoxylon.

Rosenthaler, L.
Beiträge zur blausäure frage 18-20. Pharm.
Acta Helv. 1: 167-168, 226-231 S.,D.1926 no.9,12.
18. Neue blausäure pflanzen. 19. Ueber den blausäuregehalt der kirschlorbeerblätter. 20. Ueber den angeblichen blausäuregehalt der frangularinde.

Pharm. Journ. (London)

Timmerman, H. A.
Stramonium and other species of Datura: a comparative study of the structure of their seeds.
Pharm. Journ. IV, 64:742-746. illus. Je. 25, 1927. no.3321.

Timmerman, H. A.
Stramonium and other species of Datura: a comparative study of the structure of their leaves.
Pharm. Journ. IV, 64:735-742. illus. Je.25, 1927. no.3321.

Ware, A. H.
A supplementary paper on official astringent drugs. Pharm. Journ. IV, 64:764-767. Je. 25, 1927. no.3321
Botanical source of certain red gums (kinos)

Willimott, S. G. & Wokes, F.
Some constituents of citrus fruits. Pharm. Journ. IV, 64:770-773. Je. 25, 1927. no.3321.

Pharm. Weekbl. (Amsterdam)

Janssonius, H. H.
De slijm- en oliecellen in het hout der Lauraceae in verband met de zienswijze van Tschirch.
Pharm. Weekbl. 64:1053-1055. O. 8, 1927. no.41.

Philipp. Agr. Rev. (Manila)

Ejercito, J. M.
Varietal description of Ubi, Dioscorea elata, at the Lamao experiment station, Lamao, Bataan. Philipp. Agr.Rev. 20:473-476. 1927. no.4.

Pineapple News (Honolulu)

Dean, A. L.
Edible canna. Pineapple News. 1:107-110. illus. S. 1927. no.7.

Godfrey, G. H.
Method of isolating nematodes from the soil. Pineapple News. 1:23-27. illus. Apr. 1927.no.2.

Godfrey, G. H.
Nematode-infested root system constantly changing. Pineapple News. 1:116-120. illus. O.1927. no.8.

Godfrey, G. H.
The nematode survey again, directions for taking uniform and reliable soil samples. Pineapple News. 1:49-53. Je. 1927. no.4.

Godfrey, G. H.
Nematodes in the pineapple field. Pineapple News. 1:3-7. Mr. 1927. no.1.

Godfrey, G. H.
Weeds as nematode carriers in Panicum. Pineapple News. 1:91-92. illus. Ag. 1927. no.6.

Illingworth, J. F.
The cause of wilt clearly biological. Pineapple News. 1:100-102. illus. S. 1927. no.7.
Infested soils.

Kerns, K.
Pineapple seed germination. Pineapple News. 1: 38-39. My. 1927. no.3.

Sideris, C. P.
A root hair-parasite of pineapple. Pineapple. News. 1:102-106. illus. S. 1927. no.7.
Nephromyces rhizdiophthoreus.

Pineapple News (Honolulu) (cont.)

Sideris, C. P.
Varietal susceptibility of pineapple roots to Nephromyces. Pineapple News. 1:158-159. D. 1927. no. 10.

Sideris, C. P.
Pink root rot of pineapples. Pineapple News. 1:134-136. illus. N. 1927. no.9.
Caused by a species of Fusarium.

Waldron, G. C.
The green fruit rot. Pineapple News. 1: 136-138. illus. N. 1927. no.9.
Caused by species of Phytophthora.

Waldron, G. C.
Stem rot of the pineapple plant. Pineapple News. 1:9. Mr. 1927. no.1.

Prakt. Blätt. Pflanzenb. u. Pflanzensch. (Freising)

Merl, E.M.
Die prüfung von rotschwingelsaatgut auf echtheit. Prakt. Blätt. Pflanzenb. u. Pflanzensch. 3: 273-287. 1 pl. Mr.1926. no.12.
Transl. B.P.I.

Proc. Conn. Pomol. Soc.

Clinton, G. P.
Injuries and diseases of the peach in Connecticut. Proc. Connecticut Pomol. Soc. 35: 29-38. 1926.

Whetzel, H.H.
Apple scab and its control. Proc. Connecticut Pomol. Soc. 35: 75-94. 1926.

Proc. Imp. Acad. Tokyo.

Imamura, S.
Discovery of Podostemonaceae in Japan. Proc. Imp. Acad. Tokyo. 3: 616-618. illus. N.1927. no.9.
Species not determined, named in Japanese Kawagokesô.

Proc. Soc. Exper. Biol. & Med.

Bronfenbrenner, J. & Muckenfuss, R.
On the filtrability of bacteria. Proc. Soc. Exper. Biol. & Med. 24: 371-372. Ja.1927. no.4.

Proc. Soc. Exper. Biol. & Med. (cont.)

Sande-Bakhuysen, H. L.
Physiological phenomena at the time of flowering. Proc. Soc. Exp. Biol. & Med. 24: 143-145. N. 1926. no.2.
Wheat.

Proc. Wash. State Hort. Assoc.

Day, L.H.
Summary of address given at Yakima on fire blight. Proc. Washington State Hort. Assoc.. 21(1925): 139-142. [1926]

Diehl, H. C.
Some factors in the ripening of apples. Proc. Washington State Hort. Assoc. 21(1925): 114-123. [1926]

Fisher, D. F.
A new apple rot disease("bull's-eye rot" - caused by Gloeosporium, Zeller & Childs). Proc. Washington State Hort. Assoc. 21(1925): 44-48. [1926]
G. perennans.

Quart. Bull. State Plant Bd. Miss.

Neal, D. C.
Outstanding wilt-resistant cotton varieties. Quart. Bull. State Pl. Bd., Mississippi. 7(3): 2-3. O.1927.

Wedgworth, H. H.
Gladiolus scab. Quart. Bull. State Pl. Bd. Mississippi. 7(3): 6-10. illus. O.1927.
Bacterium marginatum.

Wedgworth, H. H.
Wilt-resistant tomato varieties in 1927. Quart. Bull. State Pl. Bd. Mississippi. 7(3): 3-4. O. 1927.

Rev. Vitic. (Paris)

Labergie, J.
Sur la virulence du Phytophthora. Rev. Vitic. 66: 254-255. Ap.21, 1927. no. 1712.

Russk. Arkh. Protistol. (Moskva)

Gaidukov, N.

... Ueber konvergenzen, komplikationen und phylogenetisches system der schizophyten und der algen. Russk. Arkh. Protistol. 5: 269-298. 1926. no.3/4.

Russian with German summary.

Stain Techn.

Chamberlain, C.J.

Staining with phloxine. Stain Techn. 2: 91-93. Jl.1927. no.3.

Conn, H.J.

The history of staining. I- Stain Techn. 3: 1-11. Ja. 1928. no. 1.

I. The pioneers in staining.

Kauffmann, B. P.

The value of the smear method for plant cytology. Stain Techn. 2: 88-90. Jl.1927. no.3.

Proescher, F. & Arkush, A. S.

Metallic lakes of the oxazines (gallamin blue, gallocyanin and coelestin blue) as nuclear stain substitutes for hematoxylin. Stain Techn. 3: 28-38. Ja.1928. no. 1.

K. Svenska Vetensk. Akad. Handl.

Stålfelt, M. G.

Die abhängigkeit der "stomatären diffusionskapazität" von der exposition der objekte. K. Svenska Vetensk. Akad. Handl. III, v.2, no.8. 36 p. 25 pl. 1926.

Trans. & Proc. New Zeal. Inst. (Wellington, N.Z.)

Allan, H.H. & Dalrymple, K.W.

Ferns and flowering-plants of Mayor Island, N.Z. Trans. New Zeal. Inst. 56: 34-36. pl.5. 1926.

Allan, H.H.

Vegetation of Mount Peel, Canterbury, N.Z. pt.1: The forests and shrublands. Trans. New Zeal. Inst. 56: 37-51. 1926.

Carse, H.

Botanical notes, including descriptions of new species. Trans. New Zeal. Inst. 56: 80-86. 1926.

Asplenium lamprophyllum, Dracophyllum matthewsii, sp.nov.

Trans. & Proc. New Zeal. Inst. (cont.)

Cockayne, L.
Donald Petrie, 1846-1925. Trans. New Zeal. Inst. 56: vii-ix. port. 1926.

Cockayne, L. & Allan, H.H.
A proposed new botanical district for the new Zealand region. Trans. New Zeal. Inst. 56: 19-20. 1926.

Cockayne, L. & Allan, H. H.
Notes on New Zealand floristic botany, including descriptions of new species. Trans. New Zeal. Inst. 56: 21-33. Illus. 1926.

Cunningham, G. H.
A new genus of the Hysterangiaceae. Trans. New Zeal. Inst. 56: 71-73. pl. 12-13. 1926.
Phallobata alba, n.sp.

Cunningham, G. H.
Third supplement to the Uredinaceae and Ustilaginaceae of New Zealand. Trans. New Zeal. Inst. 56: 74-80. illus. 1926.

Curtis, K.M.
A die-back of Pinus radiata and P. muricata caused by the fungus Botryodiplodia pinea (Desm.) Petr. Trans. New Zeal. Inst. 56: 52-57. illus., pl. 6-7. 1926.

Hill, H.
Dactylanthus taylori. Order Balanophoreae; tribe synomorieae. Trans. New Zeal. Inst. 56: 87-90. pl. 14-17. 1926.

Murray, B. J.
Three fungous diseases of Salix in New Zealand, and some saprophytic fungi found on the same hosts. Trans. New Zeal. Inst. 56: 58-70. illus., pl.8-11. 1926.
Marssonina salicicola, Macrophoma salicis, Gloeosporium capreae; Gnomonia bullata, n.sp., saprophyte.

Oliver, W.R.B.
New Zealand angiosperms. Trans. New Zeal. Inst. 56: 1-5. illus., pl. 1. 1926.
Xeronema callistemon, Myosurus novae-zelandiae, Nothopanax kermadecensis, Colobanthus mollis, n.sp.

Trans. & Proc. New Zeal. Inst. (cont.)

Petrie, D.

Descriptions of new native plants. Trans. New Zeal. Inst. 56: 6-16. 1926.

Trudy Sil's'ko-Gospod. Bot. (Journ. Agr. Bot. Kharkiv)

Delaunay, L.N.

... Die veränderungen des zellkerns in der erblichen variabilität. Trudy Sil's'ko-Gospod. Bot. (Journ. Agr. Bot. Kharkiv) 1: 43-74. 1926. no.1.

Ukrainian with German summary.

Kuz'menko, A.

... Botanical study of cultivated field plants in the Ukraine. Trudy Sil's'ko-Gospod. (Journ. Agr. Bot. Kharkiv). 1: 5-21. 1926. no.1.

Ukrainian with English summary.

Kitovkin, D.

... Der sortenbestand des winterweizens im Schewtschenkowschen kreise. Trudy Sil's'ko-Gospod. Bot. (Journ. Agr. Bot. Kharkiv) 1: 22-36. 1926. no. 1.

Ukrainian with German summary.

Panshin, B.

Immunity and stimulation of seeds. Trudy Sil's'ko-Gospod. Bot. (Journ. Agr. Bot. Kharkiv) 1: 137-145. 1926. no.1.

Ukrainian.

Prikhod'ko, M.

... Zur frage der lange und farbung der coleoptile bei verschiedenen weizenarten. Trudy Sil's'ko-Gospod. Bot. (Journ. Agr. Bot.) 1: 42-45. 1926. no. 1.

Ukrainian with German summary.

Weekbl. Bloembollencult. (Haarlem)

Slogteren, E.van.

Een en ander over het geelziek der hyacinthen (Pseudomonas hyacinthi) en zijn bestrijding. Weekbl. Bloembollencult. 36:118-121, 127-130, 135-138. 1925 no. 20-22.

Zapiski Kievsk. Obshch. Estestv. (Mém. Soc. Nat. Kiew)
Parovsky, M.V.
... Ueber eine neue form von Anthemis arvensis L. Zapiski Kievsk. Obshch. Estestv. (Mém. Soc. Nat. Kiew) 27(1): 61-70. pl.2. 1926.
Russian with German summary.

Zashch. Rast. Vred. (La Défense Plant. Leningr.)
Naumov, N. A.
... L'action du calcium et de certains autres métaux dans le mode d'infection du chou par l'hernie. Zashch. Rast. Vred. (Defense des Plantes) 4: 320-328. 1927. no.2.
Russian.
English abstract in Rev.Appl. Mycol. 6: 766-767.

Zeitschr. f. Obst- u. Weinbau.
Schellenburg, A.
Gelbsucht (chlorose) in folge ungenügender bekämpfung des falschen mehltaues. Schweiz. Zeitschr. f. Obst. u. Weinbau. 36: 262-265. Jl. 23, 1927. no.15.
Amerkung der redaktion: p.264-264.
Chlorosis in fruit trees due to inadequate control of powdery mildew.

Books.

Falck, R.
Merkblätter zur holzschutzfrage. In his Hausschwammforschungen bergründet von A. Möller, 8.heft. Jena,1927. 71 p. illus.
"Autoreferat" Forst. Arch. 3: 213-218. Jl.1927.

Möller, A.
Gutachten über schwammfragen. In his Hausschwammforschungen... hrsg. von R. Falck, Jena, 1927. 9.heft. p.12-64.

Hamilton, H.
... Ecological notes and illustrations of the flora of Macquarie Island. Sydney, 1926 [(Australian Antarctic expedition 1911-14... Scientific reports Ser.C, Zool. & Bot. v.7, pt.3)]

Omitted from alphabetical place

Boll. R. Staz. Patol. Veg. Roma. (Firenze)

Petri, L.
Alterazioni prodotto dai freddi tardivi sui culmi del grano. Boll. R. Staz. Patol. Veg. Roma. n.s., 7: 194-202. illus. Ap./Je. 1927. no.2.

Petri, L.
Effetti del solfato di manganese sulle piante di limone attaccate dal Colletotrichum gloeosporioides Penz. Boll. R. Staz. Patol. Veg. Roma. n.s., 7: 213-214. Ap./Je. 1927. no.2.

Petri, L.
La terapia interna nella patologia vegetale. Boll. R. Staz. Patol. Veg. Roma. n.s. 7: 101-120. Ap./Je.1927. no.2.

Rivera Campanile, G.
Prove sperimentali per la lotta contro la "Cuscuta" (concl.) Boll. R. Staz. Patol. Veg. Roma. n.s., 7: 121-182. illus. Ap./Je.1927. no.2.

Sibilia, C.
Anormale tuberficazione in Beta vulgaris L. Boll. R. Staz. Patol. Veg. Roma. n.s., 7: 215-218. illus. Ap./Je.1927. no.2.

Sibilia, C.
Azione dell'acido cianidrico sull'accesimento dei funghi. Boll. R. Staz. Patol. Veg. Roma. n.s., 7: 202-212. Ap./Je.1927. no.2.

BOTANY
CURRENT LITERATURE

ADDITIONS TO THE BOTANICAL CATALOGUE, BUREAU OF PLANT INDUSTRY,
COMPILED FROM PUBLICATIONS RECEIVED IN THE
LIBRARY OF THE UNITED STATES DEPARTMENT OF AGRICULTURE, WASHINGTON, D. C.

V.10, no.10. Apr.30 - May 12, 1928.

Agric. Colon. (Firenze)
Calvino, M.
Una gloria dell' orticultura Italiana, il Dott, Emanuele Orazio Fenzi. Agric. Colon. 22: 122-128. Ap. 128. no.4.

Amer. For. & For. Life. (Wash., D.C.)
Durbin, M.G.
The back yard tree, the Ailanthus, oriental "Tree of Heaven". Amer. For. & For. Life. 34: 295-297. illus. May 1928. no.413.

Amer. Journ. Pharm. (Philadelphia)
Clark, A.H.
The alkaloids of Ceanothus americanus. II. Extraction of the alkaloid. Amer. Journ. Pharm. 100: 240-242. Ap.1928. no.4.

Amer. Journ. Sci. (New Haven, Conn.)
Berry, E.W.
Concerning terrestial floras in the pre-cambrian. Amer. Journ. Sci. V, 15: 431. My.1928. no.89.

Ann. Bolus Herb.
Bolus, L.
South African orchids. Ann. Bolus Herb. 4: 138-142. col.pl.xiv-xvii. Ap.1928. no.4.

Cape Town University - Bolus herbarium.
Novitates africanae. Ann. Bolus Herb. 4: 123-137. pl. xii-xiii. Ap.1928. no.4.

Ann. Missouri Bot. Gard. (St.Louis)
Kobuski, C.E.
A monograph of the American species of the genus Dyschoriste. Ann. Missouri Bot. Gard. 15: 9-90. illus. (incl. maps) pl.3-16. F.1928. (Rec'd May) no.1.

Ann. Missouri Bot. Gard. (cont.)

Kobuski, C.E.
A new genus of the Acanthaceae. Ann. Missouri Bot. Gard. 15: 1-8. pl.1-2. F.1928 (Rec'd May) no.1.
Apassalus, A. humistratus, A. diffusus.

Linder, D.H.
Concerning the status of the genus Laternea. Ann. Missouri Bot. Gard. 15: 109-112. pl.20. F.1928 (Rec'd May) no.1.

Mathias, M.E.
Studies in the Umbelliferae. I- Ann.Missouri Bot. Gard. 15: 91-108. illus. (map) pl.17-19. F.1928 (Rec'd May) no.1.

Amer. Nat.

Crow, W.B.
Symmetry in organisms. Amer. Nat. 62: 207-227. My./Je.1928. no.680.

Hayes, H.K. & Brewbaker, H.E.
Glossy seedlings in maize. Amer.Nat. 62: 228-235. My./Je.1928. no.680.

Hollingshead, L.
A preliminary note on the occurrence of haploids in Crepis. Amer. Nat. 62: 282-284. illus. My./Je.1928. no.680.

Ann. Naturh. Mus. Wien.

Keissler, K.
Systematische untersuchungen über flechten-parasiten und lichenoide pilze V. Ann. Naturh. Mus. Wien. 41: 157-170. illus. 1927 (Rec'd My.1928)

Ann. Soc. Linn. Lyon.

Benoist, R.
La forêt et les bois de la Guyane Française (cont.) Ann. Soc. Linn. Lyon. n.s., 73: 18-24. 1928.

Bobroff, E.G.
Les étages végétatifs de l'Oural du Sud. Ann. Soc. Linn. Lyon. n.s., 73: 60-68. 1928.

Ann. Soc. Linn. Lyon. (cont.)

Braun-Blanquet, J.
L'origine et le développement des flores dans le massif central de France avec aperçu sur les migrations des flores dans l'Europe sud-occidentale. (cont.) Ann. Soc. Linn. Lyon. n.s., 73: 1-8. 1928.

Kühner, R.
Note sur le Leucopaxillus amarus (Fries) mihi. Ann. Soc. Linn. Lyon. n.s., 73: 84-86. 1928.

Meyran, O.
Le Docteur Antoine Magnin, 1848-1926. Ann. Soc. Linn. Lyon. n.s. 73: 52-59. port. 1928.

Pouchet, A.
Sur la toxicité relative de quelques champignons. Ann. Soc. Linn. Lyon. n.s., 73: 69-83. 1928.

Raphélis, A.
A propos du "Cladophora calida" Kütz. Ann. Soc. Linn. Lyon. n.s., 73: 47-51. 1928.

Roux, C.
L'indice ionique pH son importance notamment en botanique et en agriculture. Ann. Soc. Linn. Lyon. n.s., 73: 102-113. 1928.

Arch. Bot. Sistem. Fitogeogr. e Gen. (Forli)

Béguinot, A.
Tre lettere inedite di Filippo Parlatore a Giovanni de' Brignoli. Arch.Bot.Sistem., Fitogeogr. e Gen. 4: 72-77. Ap.1928. no.1.

Cobau, R.
Le piante avventizie esotiche osservate nel Vicentino. Arch. Bot. Sistem., Fitogeogr. e Gen. 4: 20-35. Ap.1928. no.1.

Lanzoni, F.
Osservazioni sulla Hydrocharis morsus ranae L. vivipara Ces. Arch. Bot. Sistem., Fitogeogr. e Gen. 4: 36-39. Ap.1928. no.1.

Negodi, G.
Studio monografico sulla Silene angustifolia (Mill.) Guss. con particulare riguardo alle forme italiane. Arch. Bot. Sistem., Fitogeogr. e Gen. 4: 40-71. 8 pl. Ap.1928.no.1.

Arch. Bot. Sistem. Fitogeogr. e Gen. (cont.)

Savelli, R.

Note nicozianografiche V. Inversione dell'embrione ed inversione di germinazione nei semi ibridi di Nicotiana. Arch. Bot. Sistem., Fitogeogr. e Gen. 4: 1-8. illus. Ap.1928. no.1.

Savelli, R.

Ricomparsa di caratteri giovanili in piante senescenti di stramonio. Arch. Bot. Sistem., Fitogeogr. e Gen. 4: 9-19. illus. Ap.1928. no.1.

Arch. Protistenk. (Jena)

Korshikov, A.A.

On two new Spondylomoraceae: Pascheriella tetras n.gen. et sp. and Chlamydobotrys squarrosa n.sp. Arch. Protistenk. 61: 223-238. illus., pl.9. Ap. 1928. no.2.

Pascher, A. & Jahoda, R.

Neue polyblepharidinen und chlamydomonadinen aus den Almtümpeln um Lunz. Arch.Protistenk. 61: 239-281. illus. Ap.1928. no.2.

Neue oder wenig bekannte microoganismen aus der umgebung von Lunz III. teil.

Arch. Rubbercult. Nederl.-Ind. (Batavia, Java)

Bobilioff, W.

Kenmerken voor de identificatie van meeldauw. Arch. Rubbercult. Nederland. Indië. 12: 199-206. 2 col.pl. Mr.1928. no.3.

Meded. Proefst. Rubber no.28.

English summary (Characteristics for the identification of mildew): p.206.

Assoc. Arizona Prod. (Phoenix)

Brown, J.G.

Rust of wheat. Assoc. Arizona Prod. 7(4): 8-9, 12. illus. My.1, 1928.

Beitr. Geobot. Landesaufnahme, Pflanzengeogr. Komm. Schweiz.Naturf. Ges. (Bern)

Brockmann-Jerosch, H.

Die vegetation der Schweiz, 2. lfg. Bern, D. 1927. (Beiträge zur geobotanischen landesaufnahme, Pflanzengeogr. Komm. Schweiz. Naturf. Ges. no.12)

Gams, H.

Von den follatères zur Dent de Morcles. Bern, S.1927 (Beiträge zur geobotanischen landdesaufnahme, Pflanzengeogr. Komm. Schweiz. Naturf. Ges. no.15)

Beitr. Geobot. Landesaufnahme, Pflanzengeogr. Komm. Schweiz. Naturf. Ges. (cont.)

Oechslin, M.
Die wald- und wirtschaftsverhältnisse im kanton Uri. Bern. Ag.1927 (Beiträge zur geobotanischen landesaufnahme, Pflanzengeogr. Komm. Schweiz. Naturf. Ges. no.14.)

Bergcultures. (Batavia)

De nieuwe directeur van landbouw. Bergcultures. 2: 1165-75. illus. Mr.24, 1928. no.39.
Illus. are portraits of Dr. Bernard & his associates.
Publications of C.J. Bernard: p.1168-75.

Ber. Deut. Bot. Ges. (Berlin)

Alexandrov, V.G.
Ueber die assimilations- und transpirationsarbeit der blätter der wichtigsten Kachetinischen weinsorten. Ber. Deut. Bot. Ges. 46: 126-135. Mr. 1928. no.2.

Hustedt, F.
Untersuchungen über der bau der diatomeen, IV-VI. Ber. Deut. Bot. Ges. 46: 148-164. pl.iii. Mr. 1928. no.2.
IV. Zur morphologie und systematik der gattungen Denticula und Epithemia. V. Ueber den bau der raphe bei der gattung Hantzschia Grun. VI. Zur kenntnis der gattung Cylindrotheca Rabh.

Naumann, E.
Siderogone organismen und bildung von seenerz. Ber. Deut. Bot. Ges. 46: 141-147. Mr.1928. no.2.

Naumann, E.
Ueber den begriff "eisenorganismus". Ber.Deut. Bot. Ges. 46: 135-140. Mr.1928. no.2.
Siderocystis.

Rasdorsky, W.
Ueber das baumechanische modell der pflanzen. Ber. Deut. Bot. Ges. 46: 48-104. illus. Mr.1928. no.2.

Skvortzov, B.V.
Die euglenaceengattung Phacus Dujardin. Eine systematische übersicht. Ber. Deut. Bot. Ges. 46: 105-125. pl.ii. Mr.1928. no.2.

Ber.Schweiz. Bot. Ges. (Zürich)

Spinner, H. & Godet, C.H.
Etude pédologique de la végétation du Haut-Jura neuchâtelois occidental. Ber. Schweiz. Bot. Ges. 36: 1-10. D.1927 (Rec'd My.1928)

Thellung, A.
Pflanzenbastarde von Kandersteg (Berner oberland) und umgebung. Ber. Schweiz. Bot. Ges. 36: 11-16. D.1927 (Rec'd My.1928)

Bol. Soc. Nac. Agr. Chile (Santiago)

Camacho, C.
La enfermedad roja de la vid. Bol. Soc. Nac. Agr. Chile. 60: 165-166. Mr.1928 (Rec'd My.1928) no.3.
California disease.

Bol. Union Panamer (Wash., D.C.)

Orton, W.A.
Mejores patatas para la América tropical. Bol. Union Panamer. 62: 514-525. illus. My.1928. no.5.

Bot. Gaz. (Chicago)

Dutt, C.P.
Abscission in cotton flowers. Bot.Gaz. 85: 208-220. illus. Ap.1928. no.2.

Gordon, S.M.
Studies in the genus Mentha. 15. Action of peppermint peroxidase on menthol. Bot. Gaz. 85: 221-225. Ap.1928. no.2.

Harlow, W.M.
A chlorination method for macerating woody tissues. Bot.Gaz. 85: 226-227. illus. Ap.1928. no.2.

Smith, G.H.
Vascular anatomy of ranalian flowers, II. Ranunculaceae (continued), Menispermaceae, Calycanthaceae, Annonaceae. Bot. Gaz. 85: 152-177. illus. Ap.1928. no.2.

Welton, F. A.
Lodgning in oats and wheat. Bot. Gaz. 85: 121-151. illus. Ap.1928. no.2.

Bryologist. (Pittsburg)

Burnham, S.H.
Harriet Wheeler. Bryologist. 31: 32-33. Mr.1928 (Rec'd My.) no.2.

Frye, T.C.
Observations on the age of a few bryophytes, Bryologist. 31: 25-29. Mr.1928 (Rec'd My.) no.2.

Grout, A.J.
Moss notes. Bryologist. 31: 29-32. illus. Mr.1928 (Rec'd My.) no.2.
Physcomitrium drummondii, Hypnum fertile, Fissidens manateensis.

Moxley, E.A.
A bog and its bryophytes. Bryologist. 31: 34-35. Mr.1928 (Rec'd My.) no.2.
Bruce Penin., Ontario.

Bull. Bi-Mens. Soc. Linn. Lyon.

Camus, A.
Sur les formes françaises de l'Hedysarum obscurum L. Bull. Bi-Mens. Soc. Linn. Lyon. 7: 37-38. Mr.9, 1928. no.5.

Raphélis, A.
Deux plantes toxiques de Madagascar. Bull. Bi-Mens. Soc. Linn. Lyon. 7: 44-46. Mr.23, 1928. no.6.
"Tsiki fiofio" (undetermined); "lombiry", Cryptostegia madagascariensis

Bull. Mens. Soc. Nat. Hort. France. (Paris)

Cayeux, L.
Note sur le Primula malacoides. Bull. Mens. Soc. Nat. Hort. France. V, 1: 130-133. illus. Mr. 1928.

Guillaumin, A.
Adolphe van den Heede (1843-1928). Bull. Mens. Soc. Nat. Hort. France. V, 1: 128-129. port. Mr.1928.

Simonet,
Note sur une maladie cryptogamique du Mahonia japonica, var. bealei. Bull. Mens. Soc. Nat. Hort. France. V, 1: 133-134. illus. Mr.1928.
Sclerotinia fuckeliana.

Bull. Conn. Geol. & Nat. Hist. Surv.

Hylander, C.J.
The Algae of Connecticut. Bull. Conn. Geol. & Nat.Hist. Surv. 42. 245 p. incl.28 pl. 1928.

Bull. Econ. Madagascar. (Tananarive)
Poisson, H.
Sur la toxicité d'une plante de l'Androy appelée "kifiofio". Bull. Econ. Madagascar. 1927: 123-132. (Rec'd My.1928) no.1.
Menabaea venenata.

Bull. Misc. Inform. Kew. (London)
Fischer, C.E.C.
Amomum muricatum. Bull. Misc. Inform. Kew. 1928: 105-107. illus. 1928. no.3.

Sandwith, N.Y.
New species from the Andes of Argentina, II. Bull. Misc. Inform. Kew. 1928: 107-111. no.3.

Shaw, H.K.A. & Turrill, W.B.
Asperulae australienses. Bull. Misc. Inform. Kew. 1928: 104-105. 1928. no.3.

Calif. Dahlia Grow. Bull. Calif. Soc. So.Calif.
Merrill, E.D.
California botanic garden Calif. Dahlia Grow., Bull. Dahlia Soc. So.Calif. 9: 36-37. Mr.1928.
California botanic garden in Mandeville Canyon.

China Journ. (Shanghai)
MacGregor, D.
Some notes on cherry trees and bushes. China Journ. 8: 213-217. 2 pl. Ap.1928. no.4.
Plates of Japanese cherries in Victoria, B.C. & Shanghai.

Circ.Secc. Prop. e Inform. Min. Agr. Argentine (Buenos Aires)
Blanchard, E.E.
Principales insectos y enfermedades que prejudican el cultivo de la yerba mate. Circ.Secc. Prop. e Inform. Min. Agr.Argentine. 735. 42 p. illus. 4 col.pl. F.1928.

Compt. Rend. Acad. Sci. Paris.
Daniel, L.
Sur les variations de l'oxalate de calcium chez certaines plantes greffées. Compt. Rend. Acad. Sci. Paris. 186: 1143-1144. Ap.23, 1928. no.17.

Michel-Durand, E.
Sur le rôle physiologique des tannins pyrocatéchiques. Compt. Rend. Acad. Sci. Paris. 186: 1145-1147. Ap.23, 1928. no.17.

Compt. Rend. Soc. Biol. Paris.

Gonçalves da Cunha,
La méthode des imprégnations argentiques dans l'étude des grains pendant la germination. Compt. Rend. Soc. Biol. Paris. 98: 1017-19 Ap.17,1928. no.12.

Curiamo Piante. (Milan)

Gabotto, L.
La bolla nera del pero. Curiamo Piante. 5: 66-67. illus. Ap.28,1928. no.5.

Passalacqua, T.
Germogliazione patologica delle cipolle prodotta da Bacterium cepivorum (Delacr.) T. Pass. Curiamo Piante. 5: 61-66. illus. Ap.28, 1928. no.4.

Deut. Landw. Presse. (Berlin)

Reiling, H.
Einige neuere virus-krankheitsformen. Deut. Landw. Presse. 55: 219. illus. Ap.14, 1928. no.15.
Streak disease of potato.

Ecology. (Brooklyn, N.Y.)

Croxton, W.C.
Revegetation of Illinois coal stripped lands. Ecology. 9: 155-175. illus. Ap.1928. no.2.

Johnson, D.S. & Skutch, A. F.
Littoral vegetation on a headland of Mt.Desert Island, Maine. I- Ecology. 9: 188-215. illus., pl.vii-xiv. Ap.1928. no.2.
I. Submersible or strictly littoral vegetation.

Sayre, J.D.
A recording atmometer. Ecology. 9: 123-125. illus. Ap.1928. no.2.

Waksman, S.A., Tenney, F.G. & Stevens, K.R.
The rôle of microorganisms in the transformation of organic matter in forest soils. Ecology. 9: 126-144. Ap.1928.

Wells, B.W.
Plant communities of the coastal plain of North Carolina and their successional relations. Ecology 9: 230-242. pl.xv. Ap.1928. no.2.

Ernahr. Pflanz. (Berlin)

Müller, E.
Die schutzwirkung der kalidüngung gegen krankheiten bei getreide und kartoffeln. Ernähr. Pflanz. 24: 121-123. Ap.15,1928. no.8.

Facts about Sugar (N.Y.)
Cross, W.E.
Experimenting on imported varieties of canes [to the end of 1926] Facts about Sugar. 80: 321-322. Ap.28,1928. no.7.

Floralia. (Assen, Netherlands)
C., J.C.
Doorgroeiing (prolificatie) bij rozen. Floralia. 49: 252-253. illus. Ap.20, 1928. no.16.

Kamerling, Z.
Herinneringen uit de tropen II. Klimmende varens. Floralia. 49: 241-243. illus. Ap. 20,1928. no.16.
Climbing ferns.

Schenk, P.J.
Kanker in een beuk. Floralia. 49: 267. illus. Ap.27, 1928. no.17.
Nectria coccinea.

Schenk, P.J.
Een nieuwe en oudere aardbeienziekten. Floralia. 49: 251-252. Ap.20,1928. no.16.
Eelworm disease of strawberry (Aphelenchus fragariae.

Flor. Exch. (N.Y.)
De La Mare, A.T.
William Falconer. Flor. Exch. 68: 39. port. My.5, 1928. no.1.

Flow. Grow. (Calcium, N.Y.)
Weiss, F.
Control of delphinium root rot. Flow. Grow. 13: 214-215. My.1928. no.5.

Fruit Grow., Fruiterer, Flor. & Mark. Gard. (London)
Whetzel, H.H.
The dusting of fruit trees. Fruit Grow., Fruiterer, Flor. & Mark. Gard. 65: 625-626. illus. Ap.19, 1928. no.1688.

Gard. Bull. Straits Settlem. (Singapore)
Henderson, M.R.
The flowering plants of Kuala Lumpur, in the Malay Peninsula. Gard. Bull. Straits Settlem. 4: 211-373. Ja.1928. no.6/10.

Gard. Chron. (London)

Bijoux, F.
Tambourissa quadrifida. Gard. Chron. III, 83: 294. illus. Ap.28,1928. no.2157.

Darnell, A.W.
The genus Primula (cont.) Gard. Chron. III, 83: 282-283. Ap.21, 1928. no.2156.

Dutch elm disease in England. Gard. Chron. III, 83: 273-274. Ap.21, 1928. no.2156.

Grove, A.
The sterility of Lilium tigrinum. Gard. Chron. III, 83: 280-281. illus. Ap.21, 1928. no.2156.

Todd, E.E.
A revision of Violas. (cont.) Gard.Chron. III, 83: 282. Ap.21,1928. no.2156.

Gartenfl. (Berlin)

Junge, H.
Winterharte opuntien. Gartenfl. 77: 121-124. illus. Ap.1928.

Schwantes, G.
Nelia meyeri Schwantes spec.nov. Gartenfl. 77: 129-130. illus. Ap.1928.

Gartenw. (Berlin)

Pape, H.
Die ursache des umfallens der tulpen. Gartenw. 32:215-216. Ap.20,1928. no.16.

Genetica (The Hague)

Allan, H.H.
Illustrations of wild hybrids in the New Zealand flora, V. Genetica. 9: 499-515. illus. 1927 (Rec'd Ap.1928) no.4/6.

Crane, M.B. & Darlington, C.D.
The origin of new forms in Rubus, I. Genetica. 9: 241-278. illus. 1927 (Rec'd Ap.1928) no.4/6.

Haan, H.de.
Length-factors in Pisum. Genetica. 9: 481-498. illus. 1927 (Rec'd Ap.1928) no.4/6.

Harland, S.C. & Frechville, G.E.
Natural crossing and the genetics of axil spot in Cacao. Genetica. 9: 279-288. 1927(Rec'd Ap.1928) no.4/6.

Genetica. (cont.)

Harrison, J.W.H.
The inheritance of melanism in hybrids between continental Tephrosia crepuscularia and British T. bistortata, with some remarks on the origin of parthogenesis in interspecific crosses. Genetica. 9: 467-480. 1927 (Rec'd Ap.1928) no.4/6.

Lotsy, J.P.
What do we know of the descent of man? Genetica. 9: 289-328. illus., fold, col.pl. 1927 (Rec'd Ap. 1928) no.4/6.
Colored plate of Tragopogon pratensis x T. porrifolius.

Oppenheim, J.D.
A preliminary note on the origin of the "Jaffa orange". Genetica. 9: 516-520. illus. 1927. (Rec'd Ap.1928)

Toxopéus, H.J.
Erblichkeitsuntersuchungen an Nigella damascena L. Genetica. 9: 341-440. illus., pl.ii. 1927 (Rec'd Ap.1928) no.4/6.

Wellensiek, S.J.
Linkage-studies in Pisum I. Genetica. 9: 443-466. fold.tab. 1927 (Rec'd Ap.1928) no.4/6.

Wellensiek, S.J.
Methods for calculating the actual gametic F_2 series from a given zygotic series. Genetica 9: 329-340. 1927 (Rec'd Ap.1928) no.4/6.

Hort. Illus. (Boston)

Nearing, G.G.
New uses for Eulalia grass. Hort. Illus. 6: 221. illus. My.1928. no.9.

Indische Culturen (Soerabaja)

Prof. Hugo de Vries (1848 - 16 Februari - 1928) en de landbouw. Indische Culturen. 13: 322-24, port. Ap.1928. no. 7.

Wigman, H.J.
Coelogyne Lndl. (concl.) Indische Culturen. 13: 327-330. illus. Ap.1, 1928. no.7.

Industr. & Engin. Chem. (Easton, Pa.)

Carr, R.H. & BeMiller, I.N.
Burnt limestones in relation to quality of Bordeaux mistures. Industr. & Engin. Chem. 20: 514-516. illus. My.1928. no.5.

Hawley, L.F., Fleck, L.C. & Richards, C.A.
Effect of decay on the chemical composition of wood. Industr. & Engin. Chem. 20: 504-507. My.1928. no.5.
Comparative effects of decay, have been studied by analyzing several species of wood before and after decay with both a white-rot (Polystictus hirsutus) and a brown-rot fungus (Lenzites striata) Analyses confined largely to cellulose.

Holland, E.B. & Gilligan, G.M.
Electrolytic apparatus for the determination of copper in insecticides and fungicides. Industr. & Engin. Chem. 20: 533. illus. My.1928. no.5.

Intern. Rev. Agr. (Rome)

Staner, P.
Belgian Congo: some diseases of cultivated plants. Intern. Rev. Agr. n.s., 19: 97T. F.1928. no.2.

Intern. Sugar Journ. (London)

Arrhenius, O.
The relation between root disease and soil characters. Intern. Sugar Journ. 30: 185-187. Ap. 1928.
Summary by C.A. Barber of the author's Wortelrot en grondeigenschappen. Korte Meded.Proefst. Java-Suikerind. 1928,5 (Arch. Suikerind. Nederl.-Indie, Feb.1928)

Izv. Saratovsk-Obshch. Estesvoisnyt. (Ber. Saratow. Naturforschergesell)

Beguchev, P.P.
... Die vegetation der sandvermischten--und sandboden der niedrigen Kalmükschen steppe. Izv. Saratovsk-Obshch. Estestvoisnyt. (Ber. Saratow. Naturforschergesell.) 2(1): 27-36. 1927 (Rec'd Ap.1928)
Russian with German summary.

Izv. Saratovsk-Obshch. Estesvoisnyt. (Ber. Saratow. Naturforschergesell.) (cont.)

Beliakov, E.V.
... Die aktuelle reaktion der bodenlösung, als faktor, der in pflanzenbewohnung begränzt. Izv. Saratovsk-Obshch. Estestvoisnyt. (Ber. Saratow. Naturforschergesell.) 2(1): 21-26. 1927. (Rec'd Ap.1928)
Russian with German summary (Wasserstoffjonenkonzentration als ökologischer faktor (Beobachtungen durchgefährt an der nordgrenze der halbwüeste.)

Chernov, V.N.
... Zur flora des bezirks Wolsk des gouvernements Saratow. Izv. Saratovsk-Obshch. Estestvoisnyt. (Ber. Saratow. Naturforschergesell.) 2(1): 47-52. 1927 (Rec'd Ap.1928)
Russian with German summary.

Fursaev, A.D.
... Zur wasserflora des überschwemmenden gebiets des Flusses Don im gouvernements Stalingrad. Izv. Saratosk-Obshch. Estestvoisnyt. (Ber. Saratow. Naturforschergesell.) 2(1): 37-45. 1927 (Rec'd Ap.1928)
Russian with German summary.

Janishevsky, D.E.
... Zur charakteristik Polygonum salsugineum M.B. und die heterorkarpie bei gattung Polygonum aus der sektion Avicularia Meisn. (Vorläufige mitteilung) Izv. Saratovsk-Obshch. Estestvoisnyt. (Ber. Saratow. Naturforschergesell.) 2(1): 16-20. 1927 (Rec'd Ap. 1928)
Russian with German summary.

Kalashnikov, L.
... Zur flora des bezirks Kusnetzk des gouvernements Saratow. Izv. Saratovsk-Obshch. Estestvoisnyt. (Ber.Saratow. Naturforschergesell.) 2(1): 53-60. 1927 (Rec'd Ap.1928)
Russian with German summary)

Stulnikov, M.
... Alkaloidengehalt einiger pflanzen. Izv. Saratovsk-Obshch. Estestvoisnyt. (Ber. Saratow. Naturforschergesell.) 2(1): 8-15. 1927 (Rec'd Ap.1928)
Russian with German summary.

Jahrb. Wiss. Bot. (Leipzig)

Kisser, J.
Untersuchungen über das vorkommen und die verbreitung von pektinwarzen. Jahrb. Wiss. Bot. 68: 206-232. illus. Mr.1928. no.2.

Sinon, S.V.
Zur keimungsphysiologie der winterknospen von Hydrocharis morsus ranae L.; zugleich ein beitrag zur frage der jahresperiodizität. Jahrb. Wiss. Bot. 68: 149-205. illus. Mr.1928. no.2.

Walter, H.
Verdunstungsmessungen auf kleinstem raume in verschiedenen pflanzengesellschaften. Jahrb. Wiss. Bot. 68: 233-288. illus. Mr.1928. no.2.

Zimmermann, W.A.
Histologische studien am vegetationspunkt von Hypericum uralum. Jahrb. Wiss. Bot. 68: 289-344. pl.1-11. Mr.1928. no.2.

Journ. Agr.Prat. (Paris)

Denaiffe, H., Colle, J. & Sirodot, E.
Des mutations chez les céréales. Journ.Agr. Prat. n.s., 49: 316-318. Ap.21, 1928. no.16.

Journ.Agr.Res.

Caldwell, J.S.
Chemical composition of apple juices as affected by climatic conditions. Journ.Agr.Res. 36: 289-365. F.15, 1928 (Ap.25) no.4.

Caldwell, J.S.
Mean summer or "optimum" temperatures in relation to chemical composition in the apple. Journ.Agr. Res. 36: 367-389. F.15,1928 (Ap.25) no.4.

Journ. Ecol. (Cambridge, Engl.)

Gates, R.R.
Notes on the tundra of Russian Lapland. Journ. Ecol. 16: 150-160. pl. xxii-xxiii. F.1928. (Rec'd My.) no.1.

Lewis, F.J. Dowding, E.S. & Moss, E.H.
The vegetation of Alberta. II. The swamp, moor and bog forest vegetation of Central Alberta. Journ. Ecol. 16: 19-70. illus., pl.i-xi, fold.map. F.1928 (Rec'd My.) no.1.

Journ. Ecol. (cont.)

Narayanayya, D.V.
The acquatic weeds in Deccan irrigation canals. Journ. Ecol. 16:123-133. illus., pl.xviii. F.1928 (Rec'd My.) no.1.

Stapledon, R.G.
Cocksfoot grass (Dactylis glomerata L.): ecotypes in relation to the biotic factor. Journ. Ecol. 16: 71-104. pl. xii-xvii. F.1928 (Rec'd My.) no.1.

Sukachev, V.N.
Principles of classification of the spruce communities of European Russia. Journ. Ecol. 16: 1-18. F.1928 (Rec'd My.) no.1.

Journ. Indian Inst. Sci. (Madras)

Sreenivasaya, M. & Sastri, B.N.
Contributions to the study of spike-disease of sandal (Santalum album, Linn.) pt.I. Journ. Indian Inst. Sci. 11A: 23-29. 2 pl. [1928] no.3.
Pt.1. Diastatic activity of the leaves.

Matières Grass. (Paris)

Pieraerts, J.
Contribution à l'étude chimique des Malvales. 3. L'Hibiscus manihot L. Matières Grass. 20: 8138-39. illus. Ap.15, 1928. no.240.

Mem. Dept. Agr. India Bot.Ser.

Mitra, M. & Subramaniam, L.S.
Fruit-rot disease of cultivated Cucurbitaceae caused by Pythium aphanidermatum (Eds.) Fitz. Mem. Dept. Agr. India Bot.Ser. 15: 79-84. iii pl. Ja.1928. no.3.

Mitra, S.K., Gupta, S.N. &Ganguli, P.M.
Colour inheritance in rice. Mem. Dept. Agr. India. Bot.Ser. 15: 85-102. Ja.1928. no.4.

Ryan, R.
Asterina spp. from India. Mem. Dept.Agr. India. Bot.Ser. 15: 103-105. Ja.1928. no.5.
Asterina holarrhenae, A. consjerae, A. nothopegiae, A. memecyloniae, A. pluriporus, Morenoella shoreae, new spec.

Mem. Dept. Agr. India. Bot.Ser. (cont.)

Stevens, F.L.

Meliola spp. from India and one from Malay. Mem. Dept. Agr. India Bot.Ser. 15: 107-111. iii pl. Ja.1928. no.5.

M.theacearum, M. eugeniicola, M. holigarnae, M. pterospermi, new spec.

Missouri Bot. Gard. Bull. (St.Louis)

Hunter, A.A.

Charles W. Powell. Missouri Bot. Gard. Bull. 16: 53-58. pl. 18 (port.) Apr.1928. no.4.

Orchid collector and up to the time of his death, manager of the Missouri botanical garden tropical station, Balboa, Canal Zone.

The potato-tomato, a dual-purpose plant. Missouri Bot. Gard. Bull. 16: 59-60. pl.20-21. Ap.1928. no.4.

Mitt. Bayerisch. Bot. Ges. Erforsch. Heim. Flora.

Böhner, K.

Die bärtige traube oder Uva barbata. Mitt. Bayerisch. Bot. Ges. Erforsch. Heim. Flora. 4: 120-126. illus. Mr.15,1928. no.8.

Gerstlauer, L.

Alfred Fuchs. Mitt. Bayerisch. Bot. Ges. Erforsch. Heim.Flora. 4: 106-108. port. Mr.15, 1928. no.8.

Gerstlauer, L.

Eugen Erdner. Mitt. Bayerisch Bot. Ges. Erforsch. Heim. Flora. 4: 105-106. Mr.15,1928. no.8.

Wein, K.

Mauritius Hoffmann und seine Addenda ad catalogum plantarum spontanearum (1677) Ein beitrag zur geschichte der floristik in Bayern. Mitt. Bayerisch. Bot. Ges. Erforsch. Heim.Flora. 4: 115-120. iii pl. Mr.15,1928. no.8.

Möller's Deut. Gärtn.-Zeit.(Erfurt)

Müllerklein, C.

Mehr nuss-anbau im grossen. Möller's Deut. Gärtn. Zeit. 43: 133-136. illus. Ap.21,1928. no.12.

Mycologia.

Barrus, M.F.
Trillium rust. Mycologia. 20: 117-126. pl.15-16. My./Je.1928. no.3.
Uromyces halstedii.

Graff, P.W.
Contributions to our knowledge of western Montana fungi - II. Phycomycetes. Mycologia. 20: 158-179. My./Je.1928. no.3.

Honey, E.E.
The monilioid species of Sclerotinia. Mycologia 20: 127-157. illus. pl.17-19. My./Je. 1928. no.3.
Monilinia gen.nov., M. fructicola (Sclerotinia fructicola)

Seaver, F.J.
Doctor Arthur's rust work. Mycologia. 20: 115-116. port. My./Je.1928. no.3.

Nat. Nurserym. (Hatboro, Pa.)

Russell, P.
Japanese flowering cherries. Nat. Nurserym. 36: 149. My.1928. no.5.

Nature. (London)

Olson, A.R. & Lewis, G.N.
Natural reactivity and the origin of species. Nature. 121: 673-674. Ap.28, 1928. no.3052.

Nature Mag. (Wash., D.C.)

Hansen, A.A.
The tragedy of Hindostan, a modern solution to an ancient mystery. Nature Mag. 11: 385-386. illus. Je.1928, no.6.
Settlement of Hindostan Falls, Indiana, decimated by milk sickness, caused by cattle eating white snakeroot.

New Phytol. (London)

Hicks, P.A.
The carbon nitrogen ratio in the wheat plant. New Phytol. 27: 1-46. illus., pl. i. Ap.1928. no.1.

Naylor, G.L.
Some observations on free-growing fucoids. New Phytol. 27: 61-68. illus. Ap.1928. no.1.

New Phytol. (cont.)

Saunders, E.R.

Illustrations of carpel polymorphism. I. New Phytol. 27: 47-60. illus. Ap.1928. no. 1.

Nuestra Tierra Buenos Aires.

Grether, E.

La carie del trigo, ensayos de tratamientos curativos en la Estación Agronómica Experimental Etchegoyen, F.C.C.B.A. Nuestra Tierra. 11: 92, 94-96. illus. Mr.1928 (Rec'd My.1928) no.167.

Ohio Journ. Sci. (Columbus)

Blaydes, G.W.

A survey of rates of water loss from leaves. Ohio Journ. Sci. 28: 99-118. Mr.1928 (Rec'd My. 1928) no.2.

Schaffner, J.H.

Principles of plant taxonomy V. Ohio Journ. Sci. 28: 69-85. Mr.1928 (Rec'd My.) no.2.

Pharm. Post.

Badermann, G.

Arneischätze im pflanzenreich. Pharm. Post. 61: 194-197, 205-210. Ap.21,28, 1928. no.16,17.

Phytopath. (Lancaster, Pa.)

Bensaude, M. & Keitt, G.W.

Comparative studies of certain Cladosporium diseases of stone fruits. Phytopath. 18: 313-329. illus. Ap.1928. no.4.

Genetic and taxonomic relationships still in doubt, those from Amygdalus persica and Prunus americana tentatively regarded as identical and referred to C. carpophilum; that from P. cerasus, to Venturia cerasi.

Eliason, E.J.

Comparative virulence of certain strains of Pythium in direct inoculation of conifers. Phytopath. 18: 361-367. Ap.1928. no.4.

Goldsworthy, M.C.

The fungicidal action of liquid lime sulfur. Phytopath. 18: 355-360. pl.iv. Ap.1928. no.4.

Phytopath. (cont.)

Patel, M.K.
A study of pathogenic and non-pathogenic strains of Pseudomonas tumefaciens Sm. & Town. Phytopath. 18: 331-343. Ap. 1928. no.4.

Stakman, E.C., Christensen, J.J. & Brewbaker, H.E.
Physiologic specialization in Puccinia sorghi. Phytopath. 18: 345-354. illus. Ap. 1928. no.4.

Stakman, E.C. & Lambert, E.B.
The relation of temperature during the growing season in the spring wheat area of the United States to the occurrence of stem rust epidemics. Phytopath. 18: 369-374. Ap.1928. no.4.

Proc. N.Y. State Hort. Soc. (Geneva, N.Y.)

Gloyer, W.O.
Salient points in the control of some fruit diseases. Proc. N.Y. State Hort. Soc. 73: 31-38. 1928.

Shear, E.V.
Bordo-oil and other sprays on apples in 1927. Proc. N.Y. State Hort. Soc. 73: 183-189. 1928.

Proc. Soc. Exp. Biol. & Med.

Chou, T.
Some new alkaloids from Chinese Corydalis ambigua, Cham. et Sch. (Yen-Hu-So). Proc. Soc. Exp. Biol. & Med. 25: 544-547. Ap.1928. no.7.

Macht, D.I.
Phytopharmacology: effect of ricin, capsicum and cantharides on growth of Lupinus albus. Proc. Soc. Exp. Biol. & Med. 25: 592-593. Ap.1928. no.7.

Proc. Wisc. State Hort. Soc.

Fracker, S.B.
Wisconsin's mosaic policy. Proc. Wisc. State Hort.Soc. 56: 106-112. 1926 (Rec'd My.1928)
On raspberry.

Glenn, P.A.
The mosaic situation in Illinois. Proc. Wisc. State Hort. Soc. 56: 117-121. 1826 (Rec'd My. 1928)
On raspberry.

Winter, J.D.
Raspberry mosaic in Minnesota. Proc. Wisc. State Hort. Soc. 56: 121-130. 1926 (Rec'd My. 1928)

Progr. Agr. & Vitic. (Montpellier)

Ravaz, L. & Verge, G.
L'excoriose. Progr. Agr. & Vitic. 89: 405-407. 2 col.pl. Ap.22, 1928. no.17.

Rev. Gén. Bot. (Paris)

Aubel, E. & Genevois, L.
Les oxydo-réduction (suite et fin) Quelques exemples d'oxydo-réductions biologiques. Rev. Gén. Bot. 40: 244-251. Ap.1928. no.472.

Beauverie, J.
Quelques aspects de la dégénérescence des plastes, applications au parasitisme, 1. Rev. Gén. Bot. 40: 206-225. illus. Ap.1928. no.472.

Lubimenko, V.
Les pigments des plastes et leur transformation dans les tissus vivants de la plante (suite). Rev. Gén. Bot. 40: 226-243. Ap.1928. no.472.

Magrou, J.
La symbiose chez les plantes supérieures (suite et fin) Rev. Gén. Bot. 40: 252-256. Ap.1928. no.472.

Milovidov, P.
Recherches sur les tubercules du lupin. Rev. Gén. Bot. 40: 193-205. illus. Ap.1928. no.472.

Rev. Hort. (Paris)

Lesourd, F.
Les plus gros arbres de France. (Erable). Rev. Hort. 100: 89-90. illus. Ap.16,1928. no.4.

Guillaumin, A.
Les cactées, principales espèces. (cont.) Rev. Hort. 100: 99-100. Ap.16,1928. no.4.

Rev. Vitic. (Paris)

Moreau, L. & Vinet, E.
Le mildiou - Evolution et traitements en 1927, conclusions pratiques. Rev. Vitic. 68: 255-258. Ap.19, 1928. no.1764.

Viala, P. & Marsais, P.
Scleriase des raisins. Rev. Vitic. 68: 249-254. illus. Ap.19, 1928. no.1764.

Roczn. Nauk Rolnicz. i Leśn. (Polish Agr. & For. Ann.) (Poznań)

Garbowski, L.

Wrażliwość uprawianych w Polsce odmain zyta na rdze źdźbłowa Puccinia graminis Pers. f.sp. secalis Er. et Henn. (Prédisposition des variétés du seigle cultivées en Pologne à la rouille) Roczn. Nauk Rolnicz. u. Leśn. (Polish Agr. & For. Ann.) 19: 195-240. illus. Mr./Ap.1928. no.2.

Polish with brief French résumé.

Science. (Lancaster, Pa.)

Gilbert, A.H.

Production of potato tuber necrosis. Science. 67: 464-465. My.4, 1928. no.1740.

MacDougal, D.T. & Brown, J.G.

Living cells two and a half centuries old. Science. 67: 447-448. illus. Ap.27, 1928.

Sci. Rep. Tohoku Imp. Univ., 4. Ser.Biol.

Nakajima, Y.

Wirkung des der luft entleerten wassers auf die wasseraufnahme verschiedener körper. Sci. Rep. Tohoku Imp. Univ., 4. Ser.Biol. 3: 279-298. illus. Mr.1928. no.3.

Okada, Y.

Study of Euryale ferox Salisb. Sci.Rep. Tohoku Imp. Univ. 4, Ser.Biol. 3: 271-278. illus., pl.iii-iv. Mr.1928. no.3.

I. On the size of leaves, fruits, etc., with some remarks on the mode of expansion of the leaf blade.

Scient. Amer. (N.Y.)

Jareo, J.W.

Chemicals destroy lake weeds. Scient. Amer. 138: 532-33. illus. Je.1928. no.6.

How Madison, Wisconsin, has solved the problem of ridding nearby lakes of obnoxious weed growths and algae.

Scott. Journ. Agr. (Edinburgh)

Hill, A.

Trials of weed-killers on garden paths at Craibstone. Scott. Journ. Agr. 11: 203-209. Ap.1928. no.2.

Soil Sci. (Baltimore)

Hartman, C. & Powers, W.L.
The crop-producing power of limited quantities. of "essential" plant nutrient. Soil Sci. 25: 371-377. My.1928. no.5.

Larson, H.W.E.
The relation of the concentration of calcium ion required by alfalfa to the amount present in soil solution. Soil Sci. 25: 399-408. My.1928. no.5.

Parker, F.W. & Pierre, W.H.
The relation between the concentration of mineral elements in a culture medium and the absorption and utilization of those elements by plants. Soil Sci. 25: 337-343. My.1928. no.5.
Experiments with maize.

South African Gard. (Johannesburg)

Bolus, L.
Lithops pseudotruncatella (Berger) N.E.Br. and some other xerophytic forms among the mesembrieae. South African Gard. 18: 125-127. illus. (1 col.) Ap.1928. no.4.

Bolus, L.
Plants new or noteworthy (cont.) South African Gard. 18: 114, 116. illus. Ap.1928. no.4.
Homeria metelerkampiae, Moraea violacea,new spec.

K. Svenska Vetensk. Akad. Handl.

Hultén, E.
Flora of Kamtchatka and the adjacent islands I. Pteridophyta, Gymnospermae and Monocotyledonae. K. Svenska Vetenskapsakad. Handl. III, v.5, no.1. 346 p. illus. (incl.maps) 4 pl. (incl. map) 1927.

Trans. Tottori Nogaki-Kwaiho (Tottori Soc. Agr. Sci.)

Furuichi, M.
On the mucilage separated from a sea-weed, "Ceramium rubrum". Trans. Tottori Nogaku-Kwaiho. (Tottori Soc. Agr. Sci.) 1: 31-44. Ag.1927. no.1.
English summary: p.42-44.
Text in Japanese.

Hemmi, T.
On the saltation and the modification of a few species of fungi pathogenic to plants. Trans. Tottori Nogaku-kwaiho (Tottori Soc. Agr. Sci.) 1: 3-14. pl. Ag.1927. no.1.
Text in Japanese.
Brachysporium sp., Septoria callistephi, Alternaria gomphrenae, Pestalozzia diospyri.

Trans. Tottori Nogaki-Kwaiho (Tottori Soc. Agr.Sci.) (cont.)

Koriba, K.
On the relation between vitamins and etiolation of plants. Trans. Tottori Nogaku-Kwaiho (Tottori Soc. Agr. Sci.) 1: 15-17. Ag.1927. no.1.
Text in Japanese.

Nishikawa, H.
On the pigments of Monascus purpureus Went. Trans. Tottori Nogaku-Kwaiho (Tottori Soc. Agr. Sci.) 1: 62. Ag.1927. no. 1.
Text in Japanese.

Tejima, T.
On the arrangement of leaves of Sunn hemp. Trans. Tottori Nogaku-Kwaiho (Tottori Soc. Agr. Sci.) 1: 61-62. Ag.1927. no.1.

Yamada, G.
On the origin of variegation. Trans. Tottori Nogaku-Kwaiho (Tottori Soc. Agr. Sci.) 1: 18-21. Ag.1927. no. 1.
Text in Japanese.

Trans. Wisc. Acad.

Harvey, J.V.
A survey of water molds occurring in the soils of Wisconsin, as studied during the summer of 1926. Trans. Wisc. Acad. 23: 551-562. pl.4-7. 1927. (Rec'd Ap.1928)

Lounsbury, J.A.
A case of phenomenal zoospore behavior of an apparently sterile Isoachlya and a description of the plant. Trans. Wisc. Acad. 23: 539-549. pl.1-3. 1927. (Rec'd Ap.1928)

Schuette, H.A. & Alder, H.
Notes on the chemical composition of some of the larger aquatic plants of Lake Mendota II. Vallisneria and Potamogeton. Trans. Wisc. Acad. 23: 249-254. 1927 (Rec'd Ap.1928)

Walker, R.I.
Cytological studies of some of the shortcycled rusts. Trans. Wisc. Acad. 23: 567-582. pl.8-10. 1927 (Rec'd Ap.1928)
Puccinia asteris, P. cryptotaeniae, P. xanthii, P. fusca.

Tribune Hort.

Ritzema Bos. Tribune Hort. 13: 256. Ap.21, 1928. no.596.
Notice of death.

Tropenpfl. (Berlin)

Zimmermann, A.
Ueber selektion bei Hevea. Tropenpfl. 30: 268-291. illus. Jl.1927 (Rec'd My.1928) no.7.

Trop. Agr. (Ceylon) (Peradeniya)

Park, M.
A preliminary note on a mycorrhizal fungus of tea roots. Trop. Agr. (Ceylon) 70: 171-174. Mr.1928. no.3.
Mycological notes (11)
Rhizoctonia bataticola.

Trop. Agriculture, West Indies. (Trinidad)

Briton-Jones, H.R.
West Indies root disease (concl.) Trop. Agr. West Indies. 5: 107-110. My.1928. no.5.
Root disease in the British West Indies and a note on Diaporthe perniciosa Marchal or a closely related species.

Trudy Nauchno-Issledov. Inst. Voronezh. Gosudarstv. Univ. (Trav. Inst. Rech. Scient. Univ. d'État. Voronèje)

Grosset, H.E.
Neue angaben über Daphne Julia K. Pol. und Daphne Sophia Kalen. Trudy Nauchno-Issledov. Inst. Voronezh. Gosudarstv.Univ. (Trav. Inst. Rech. Scient. Univ. d'État Voronèje) 1: 110-116. illus. (map) 1927.
Russian with German summary.

Kozo-Polianski, B.M.
Zur kenntnis der flora am oberen Oskol. Trudy Nauchno-Issledov. Inst. Voronezh. Gosudarstv. Univ. (Trav. Inst. Rech. Scient. Univ. d'État. Voronèje) 1: 97-109. illus. 1927.
Russian with German summary.

Lashchevskaja, V.I.
A contribution to the problem of the origin of the Kursk-Orel plateau flora - Puccinia drabae Rud. as a parasite of Schivereckia podolica (Bess.) Andrz. Trudy Nauchno-Issledov. Inst. Voronezh. Gosudarstv. Univ. (Trav. Inst. Rech. Scient. Univ. d'Etat Voronèje) 1: 74-96. illus. 1927.
Russian with French résumé.

Die Umschau. (Frankfurt)
Würtenberger, W.
Kartoffelkrebs. Die Umschau. 32: 336-340. illus. Ap.21, 1928. no.17.

U.S. Dept. Agr. Plant Dis.Rep.
Crop losses from plant diseases in the United States in 1926. U.S. Dept. Agr. Plant Dis. Rep. Suppl. 56: 394-423. N.1927 (Rec'd My.1928)

Vierteljahrsschr. Naturf. Ges. Zürich.
Furrer, E.
Pollenanalytische studien in der Schweiz. Vierteljahrsschr. Naturf. Ges. Zürich. 72(Beibl. 14) 38 p. D.1927 (Rec'd My.1928) no.3/4.

Messikommer, E.
Beiträge zur kenntnis der algenflora des kantons Zürich. II. folge: Die algenvegetation des Böndlerstück. Vierteljahrsschr. Naturf. Ges. Zürich. 72: 332-353. incl. ii pl. D.1927 (Rec'd My.1928)

Osterwalder, A.
Hermann Müller-Thurgau (1850-1927) Vierteljahrsschr. Naturf. Ges. Zürich. 72: 433-451. D.1927. no.3/4.
Wissenschaftliche abhandlungen und populär gehaltene aufsätze von Prof. Dr. H.Müller-Thurgau: p.436-451.

Zeitschr. Bot. (Jena)
Liebisch, W.
Amphitetras antediluviana Ehrbg., sowie einige beiträge zum bau und zur entwicklung der diatomeenzelle. Zeitschr. Bot. 20: 225-271. illus. pl.iii-iv. 1928. no.5/6.

Zeitschr. Pilzk. (Leipzig)
Kallenbach, F.
Morchel- und lorchelzeit. Zeitschr. Pilzk. 12(n.s.7): 58-61. Ap.1928. no.4.

Killermann, S.
Pilzwanderungen im Bayerischen walde. Zeitschr. Pilzk. 12(n.s. 7): 49-58. pl.3. Ap.1928. no.4.

Exper. Stat. Publ.

Carrick, D.B.
The effect of freezing on the respiration of the apple. Cornell Agr. Exp. Stat. Mem.110. 28 p. illus. Mr.1928 (Rec'd My.)

Reddick, D.
Building up resistance to diseases in beans. Cornell Agr. Exp. Stat. Mem. 114. 15 p. Mr. 1928.

Ripperton, J.C. & Groff, R.A.
Edible canna in the Waimea District of Hawaii. Bull. Hawaii Agr. Exp. Stat. 57. 41 p. illus. Apr.1928.

Castetter, E.T. & Erwin, A.T.
A systematic study of squashes and pumpkins. Iowa Agr. Exp. Stat. Bull. 244. 135 p. illus. N.1927. (Rec'd Ap.1928)

Immer, F.R.
The inheritance of reaction to Ustilago zeae in maize. Minn. Agr. Exp. Stat. Techn.Bull.51. 62 p. illus. O.1927 (Rec'd My.1928)

Fleming, C.E.
The poisoning of sheep on mountain grazing ranges in Nevada by the western chokecherry (Prunus demissa). Nevada Agr. Exp. Stat. Bull.110. 14 p. illus. Ja.1928 (Rec'd My.)
Suppl. to Bull.109. The common chokecherry (Prunus demissa), as a plant poisonous to sheep and cattle.

Fite, A.B. & Garcia, F.
Pear variety test. New Mexico Agr. Exp. Stat. Bull.165. 39 p. illus. Ja.1928 (Rec'd Ap.)

Clayton, E. E.
Black-leg disease of brussels sprouts, cabbage, and cauliflower. New York Agr. Exp. Stat. Bull.550. 27 p. 8 pl.on 4. D.1927 (Rec'd My. 1928)

Exper.Stat. Publ. (cont.)

Clayton, E. E.
Increasing stands from vegetable seeds by seed treatment. New York Agr. Exp. Stat. Bull. 554. 16 p. 2 pl. on 1. Mr.1928 (Rec'd My.)

Essary, S. H.
Control of dodder in Lespedeza. Tenn. Agr. Exp. Stat. Circ. 22. 2 p. Ap. 1928.

McWhorter, F. P.
Control of beet seedling diseases under greenhouse conditions. Virginia Truck Exp. Stat. Bull. 58: 526-544. illus. Ja.1927 (Rec'd My.1928)

McWhorter, F.P.
The early-blight diseases of tomato. Virginia Truck Exp. Stat. Bull.59: 547-565. illus. Ap. 1927 (Rec'd My.1928)

Giddings, N.J., Berg,A. & Sherwood, E.C.
Dusting vs. spraying in the apple orchard. West Virginia Agr. Exp. Stat. Bull.209. 28 p. N.1927 (Rec'd My.1928)

State Publications.

Jones, L.K. & Pederson, C.S.
Bacterial canker oftomatoes. Cornell Extens. Bull. N.Y. State Coll. Agr. 170. 4 p. illus. Ap.1928

Muenscher, W.C.
Wild mustard and related weeds. Cornell Extens. Bull. N.Y. State Coll. Agr. 168. 18 p. illus. Mr.1928.

Melhus, I.E. & Smith, M.A.
Small grain rusts and the progress of barberry eradication in Iowa. Extens. Serv. Bull. Iowa State Coll. Agr. no.141. 16 p. illus. Jl.1927. (Rec'd Ap.1928)

New Books.

Averna-Sacca, R.
Contribuição para o estudo das molestias cryptogamicas das roseiras. São Paulo, 1928.

Craig, W.N.
Lilies and their culture in North America. Chicago, Florists' publishing company, 1928.

New Books (cont.)

Douglass, A.E.
Climatic cycles and tree-growth vol. II.A study of the annual rings of trees in relation to climate and solar activity. Washington, 1928 (Publ. no.289, v.II, Carnegie Institution, Washington, D.C.)

Flachs, K.
Ueber die verbreitung des äquifazialen blattbaues in der australischen flora. Borna-Leipzig, R. Noske, 1916.
Inaug.-diss-München.

Gäumann, E.A.
Comparative morphology of fungi... transl. and rev. by C.W. Dodge. N.Y., McGraw-Hill, 1928.

González Fragoso, R.
Botánica criptogámica agrícola. Madrid, Espasa-Calpe, 1927 (Biblioteca agrícola Espanola, Ser. V, no.3?)

Greeves-Carpenter, C.F.
The care of ornamental trees in planting, fertilizing, pruning, tree surgery and spraying. N.Y., Macmillan, 1928.

Hustedt, F.
Die kieselalgen deutschlands, Österreichs und der Schweiz... lfg.2. Leipzig, Akademische verlagsgesellschaft G.m. b.H., 1928 (Dr. L. Rabenhorsts Kryoptogamen-flora... VII bd.)

Jickeli, C.F.
Pathogenesis, Die unvollkommenheit des stoffwechsels und die tendenz zur stabilität als grundprinzipien für vergehen und werden im kampf ums dasein. Berlin, R. Friedländer & sohn, 1924.

Kallenbach, F.
Die röhlinge (Boletaceae) Die pilze Mitteleuropas, hrsg. von der Deutschen gesellschaft für pilzkunde &c. bd.1, 6. lfg. 1928.

Lehmann, K.B. & Neumann, R. O.
Bakteriologie insbesondere bakteriologische diagnostik. 7. völlig umgearb. aufl. München, J.F. Lehmanns verlag, 1926-27.

New Books (cont.)

Migula, W.
Die pilze von Deutschland, Deutsch-Österreich, Tschechoslovakei, Ungarn, dem ehemaligen Deutsch-Polen und der Schweiz... Neue, billige und unverkürzte lieferungsausgabe für studierende und schulen lfg.22-26. Berlin-Lichterfelde, H. Bermühler verlag [1928]

Die pflanzenreale. reihe 1, heft 8, karte 71-80b. Jena, G. Fischer, 1928.
Krylow, P. Krascheninnikowia - Herzog, T. Microthamnium, Lepidolaena - Donat, A. Einige isoetiden - Lämmermayr, L. Asplenium cuneifolium, A. adulterinum.

Rietsema, I.
Beschrijving en rangschikking van in Nederland voorkomende kersen-formen. Wageningen, H. Veenman & zonen, 1928.
Proefschr.-Wageningen.

Rivers, T.M., ed.
Filterable viruses... Baltimore, Williams & Wilkins, 1928.
Virus diseases of plants, by L.O. Kunkel: p.335-364.

Robertson, H.F.
Report of the mycologist, Burma, Mandalay, for the year ended the 30th June, 1927. 11 p. 1927 (Rec'd My.1928)

Rodway, L.
Botany [of Tasmania] In Handbook to Tasmania. Hobart, 1927. p.49-54.
Handbook prepared for the Australasian association for the advancement of science.

Rubber research scheme, Ceylon - Executive committee
Report, 6th, 1927. 1928.
Organizing secretary's report (containing notes on diseases) (J. Mitchell): p.8-10; Physiological botanist's report (R.A. Taylor): p.16-18; Mycologist's report (R.K.S. Murray): p.19.

New Books (cont.)

Schiller, J.
Ueber kultur und methodik beim studien der meerespflanzen. In Abderhalden, E. Handbuch der biologischen arbeitsmethoden, Abt.IX, teil 5, h.2. (lfg.256) p.181-309. illus. 1928.

Schnarf, K.
Embryologie der angiospermen II. teil. Berlin, Borntraeger, 1928(Handbuch der pflanzen anatomie hrsg. von K. Linsbauer, II. Abt., 2. teil. v.XI^2 (lfg.23)

Sim, T.R.
Check list of the Bryophyta of South Africa 2nd ed. Pietermaritzburg, Natal, 1927.

Tobler, F.
Der flachs als faser- und ölpflanze. Berlin, J. Springer, 1928.
Unter mitarbeit von G. Bredemann, K. Opitz, J.J. Rjaboff, E. Schilling.
Krankheiten und beschädigungen des flachses, von. E. Schilling: p.106-191.
Unkräuter des flachses; von E. Schilling: p.191-201.

Uphof, J.C.Th.
Vegetationsbilder von Cuba. In Karsten, G. Vegetationsbilder. 18. reihe, h.5. pl.25-30. 1928.

Wettstein, F.von.
Morphologie und physiologie des formwechsels der moose auf genetischer grundlage II... Leipzig, Borntraeger, 1928 (Bibliotheca genetica bd.X)

Translations available in the Bur.Plant Industry Library.

Jørstad, I.
Innberetning... om sykdommer på skogtraerne i aarene 1920-25 (Report on diseases of forest trees during the years 1920-25). Innberetn. Norske Skogsv. 1925: 85-95. 1926.

Jørstad, I.
Norske skogsykdommer (Norwegian forest tree diseases) Medd. Norsk. Skogforsøks. 6: 74-81. 1925.
Diseases of five-leaved species of Pinus. Rust of P. strobus (Cronartium ribicola)

Translations. (cont.)

Lagerberg, T.
En abnorm barrfälling hos tallen (Abnormal shedding of the leaves in Pinus sylvestris). Medd. Stat. Skogsförsöksanst. Sweden. 10: 139-180. 1913.

Lagerberg, T.
Granens topptorka (Top drying of spruce). Medd. Stat. Skogsförsöksanst. Sweden. 10: 9-44. 1913.

Lagerberg, T.
Studier öfver den norrländska tallens sjukdomar, särskildtmed hänsyn till dess förynring (Studies of northern pine diseases, especially with regard to juvenation). Medd. Stat. Skogsförsöksanst. Sweden. 9: 135-170. 1912.

Metzger, R.
Bäume werden gegen krankheiten geimpff (Trees are inoculated against diseases). Umschau. 31: 666-667. Ag.13, 1927.

Wibeck, E.
Tall och gran af sydlig härkomst i Sverige. (Pinus and Picea of southern origin in Sweden) Medd. Stat. Skogsförsöksanst. Sweden. 9: 75-134. 1912.
Transl. of p.116-121 (Dasyscypha calyciformis)

Correction. Vol.10, no.9.
Under Experiment Station publications.
Author of first entry should be Lute, A.M.; not Lutz.

BOTANY
CURRENT LITERATURE

ADDITIONS TO THE BOTANICAL CATALOGUE, BUREAU OF PLANT INDUSTRY,
COMPILED FROM PUBLICATIONS RECEIVED IN THE
LIBRARY OF THE UNITED STATES DEPARTMENT OF AGRICULTURE, WASHINGTON, D. C.

LIBRARY
RECEIVED
JUN 1 2 1928
U.S. Department of Agriculture

Vol. 10, no. 11. May 14-26, 1928.

Amer. Produce Grow. (Chicago)

Newhall, A.G.
Fan ventilation and greenhouse tomato leaf mold. Amer. Produce Grow. 3(5): 5, 20. illus. My.1928.

Rosa, J.T.
Artificial ripening of fruits and vegetables by gas. Amer. Produce Grow. 3(5): 13,17. My. 1928.

Ann. Bot. (London)

Arber, A.
Studies in the Gramineae. V. 1. On Luziola and Dactylis. 2. On Lygeum and Nardus. Ann. Bot. 42: 391-407. illus. Ap.1928. no.166.

Archbold, H.K.
Chemical studies in the physiology of apples IX. The chemical composition of mature and developing apples, and its relationship to environment and to the rate of chemical change in store. Ann. Bot. 42: 541-566. Ap.1928. no.166.

Bartlett, E.M.
A comparative study of the development of the sporophyte in the Anthrocerotaceae, with especial reference to the genus Anthoceros. Ann. Bot. 42: 409-430. illus., pl.vii. Ap. 1928. no.166.

Bolas, B.D. & Henderson, F.Y.
The effect of increased atmospheric carbon dioxide on the growth of plants I. Ann. Bot. 42: 509-523. Ap.1928. no.166.

Bristol Roach, B.M.
On the influence of light and of glucose on the growth of a soil alga. Ann. Bot. 42: 317-345. illus. Ap.1928. no. 166.

Ann. Bot. (cont.)

Cook, W.R.I.
The methods of nuclear division in the Plasmodiophorales. Ann. Bot. 42: 347-377. pl.v-vi. Ap.1928. no.166.

Gregory, F.G.
The analysis of growth curves. A reply to criticism. Ann. Bot. 42: 531-539. Ap.1928. no.166.

Gregory, F.G.
Studies in the energy relations of plants. II. The effect of temperature on increase in area of leaf surface and in dry weight of Cucumis sativus, pt.I. Ann. Bot. 42: 469-507. Ap.1928. no. 166.

Halket, A.C.
The morphology of Salicornia - an abnormal plant. Ann. Bot. 42: 525-530. illus. Ap.1928. no.166.

Hanna, W.F.
Sexual stability in monosporous mycelia of Coprinus lagopus. Ann. Bot. 42: 379-389. Ap. 1928. no. 166.

Ingold, C.T.
Spore discharge in Podospora curvula, de Bary. Ann. Bot. 42: 567-570. illus. Ap.1928. no.166.

Nirula, R.L.
Saltations in bacteria. Ann. Bot. 42: 431-467. pl.viii. Ap.1928. no.166.

Ann. Univ. Stellenbosch, (Cape Town)

Duthie, A.V.
Contribution to our knowledge of the Stellenbosch flora. The species of Urginea of the Stellenbosch Flats. Ann. Univ. Stellenbosch. v.6,A. no.2. 16 p. v pl. F.1928.

Arb. Biol. Wolga-Stat. (Saratov)

Fursaev, A.D.
... Materialien zur wasserflora der unteren Wolga. Arb. Biol. Wolga-Stat. 10: 59-68. 1928.
Russian with German summary.

Arb. Landwirtschaftskam. Prov. Brandenb. (Berlin)

Ludwigs, K.
Krankheiten und schädlinge des steinobstes. Arb. Landwirtschaftskam. Prov. Brandenb. 66: 51-63. 1927.

Arch. de Bot. Caen. Bull. Mens.

Chermezon, H. & Hée, A.

La Buxbaumia aphylla L. en Alsace. Arch. de Bot. Caen. Bull.Mens. 2: 41-47. Mr.1928. no.3.

Frémy, P.

Note sur le Phormidium luridum (Kütz.) Gom. Arch. de Bot. Caen. Bull.Mens. 2: 53-54. Mr. 1928. no.3.

Litardière, R.de.

Observations cytologiques sur la Salvinia natans. Arch. de Bot. Caen. Bull.Mens. 2: 47-52. Mr.1928. no.3.

Ber. Deut. Bot. Ges. (Berlin)

Frey, A.

Hermann Ambronn. Ber.Deut.Bot.Ges. 45 (Generalversamml.-heft): (60)-(71). port. Ap. 1928.

Verzeichnis der wissenschaftlichen veröffentlichungen von Hermann Ambronn und seiner schule: (67)-(71).

Herzog, T.

Ludwig Radlkofer. Ber. Deut. Bot. Ges. 45: (Generalversamml.-heft): (79)-(88). port. Ap. 1928.

Kräusel, R.

Paul Menzel. Ber. Deut. Bot. Ges. 45(Generalversamml.-heft): (72)-(78). Ap.1928.

Schriften von Paul Menzel: p. (77)-(78).

Leick, E.

Ein neues universal-doppel-porometer. Ber. Deut. Bot. Ges. 45(Generalversamml.-heft): (43)-(59). illus. pl. Ap.1928.

Leick, E.

Ueber das verschiedenartige verhalten der unterseitigen und oberseitigen stomata desselben blattes. Ber. Deut. Bot. Ges. 45(Generalversamml.-heft): (28)-(42). Ap.1928.

Möbius, M.

Heinrich Schenck. Ber. Deut. Bot. Ges. 45 (Generalversamml.-heft): (89)-(101). Ap.1928.

Chronologisches verzeichnis der schriften von Heinrich Schenck: p. (98)-(101).

Better Fruit. (Portland, Ore.)
Reimer, F.C.
Pear blight control. Better Fruit. 22(11): 9-10, 28. My.1928.

Better Homes & Gard. (Des Moines, Ia.)
Thurston, H.W.jr.
Common diseases of iris. Better Homes & Gard. 6(10): 20, 93-95. illus. Je.1928.

Bol. R. Soc. Españ. Hist. Nat. (Madrid)
Chardon, C.E.
Contribución al estudio de la flora micológica de Colombia. Bol. R. Soc. Españ. Hist. Nat. 28: 111-124. 2 pl. (1 col.) F.1928. no.2.
Phyllachora cornispora-necrotica, P. microstroma, P. antioquensis, P. mayorii, P. microspora Gnomonia ospinae, new species.

Ciferri, R. & Gonzalez Fragoso, R.
Hongos parásitos y saprofitos de la República Dominicana (cont.) Bol. R.Soc. Españ. Hist.Nat. 28: 131-144. illus. F.1928. no.2.

Hamel, G.
Algas marinas de España y Portugal. I- Bol. R. Soc. Españ. Hist.Nat. 28: 167-170. Mr. 1928. no.3.
I. Protoflorideas o Bangiales.

Unamuno, L.M.
Datos para el estudio de al flora micológica de los alrededores de Santa Maria de la Vid (Burgos). Bol. R. Soc. Españ. Hist.Nat. 28: 195-202. Mr.1928. no.3.
Leptostroma bromi, n.sp.

Bol.Union Panamer. (Wash., D.C.)
Tucker, C.M.
Enfermedades de las legumbres en la América tropical. Bol. Union Panamer. 62: 591-608. illus. Je.1928. no.6.

Boll. R. Staz. Patol. Veg. Roma. (Firenze)
Mercuri, S.
Prove preliminari di terapia del marciume radicale del carciofo. Boll. R. Staz. Patol. Veg. Roma. n.s., 8: 86-93. Ja./Mr.1928. no.1.

Boll. R. Staz. Patol. Veg. Roma. (cont.)

Moncacci, M.
Esperienze sopra alcuni trattamenti ai cereali. Boll. R. Staz. Patol. Veg. Roma. n.s., 8: 96-110. Ja./Mr. 1928. no. 1.

Paoli, G.
Casi fitopatologici osservati in Liguria, nella primavera-estate 1927. Boll. R. Staz. Patol. Veg. Roma. n.s., 7: 382-387. O./D. 1927. (Rec'd My. 1928) no.4.

Petri, L.
Un batterio parassita di alcune Phytophthoreae. Boll. R. Staz. Patol. Veg. Roma. n.s., 7: 457-464. illus. O./D.1927 (Rec'd My.1928) no.4.

Petri, L.
Rassegna dei casi fitopatologici osservati nel 1927. Boll. R. Staz. Patol. Veg. Roma. n.s., 8: 1-50. illus. Ja./Mr.1928. no.1.

Pulselli, A.
Un parassita di alcune specie di Lupinus e di Cytisus, (Ceratophorum setosum Kirch. (1892). Boll. R. Staz. Patol. Veg. Roma. n.s., 8: 50-85. illus. Ja./Mr.1928. no. 1.

Pulselli, A.
Ricerche sulla formazione e la natura del pigmento della Microcera coccophila. Boll. R. Staz. Patol. Veg.Roma. n.s., 7: 436-447. O./D. 1927. (Rec'd My.1928) no.4.

Sansone, Fr.
Un avvizzimento del pomodoro in provincia di Salerno e la sua causa. Boll. R. Staz. Patol. Veg. Roma. n.s., 7: 465-484. illus. O./D.1927 (Rec'd My.1928) no.4.
Alternaria brassicae.

Sibilia, C.
Batteriosi del cotone. Boll. R. Staz. Patol. Veg. Roma. n.s., 8: 93-96. illus. Ja./Mr.1928. no.1.
Bacterium malvacearum.

Sibilia, C.
Osservazioni su un fungo parassita di un' orchidea. Boll. R. Staz. Patol. Veg. Roma. n.s., 7: 412-435. illus. O./D.1927 (Rec'd My.1928) no.4.
Diplodia laelio-cattleyae, n.sp.

Boll. R.Staz. Patol. Veg. Roma. (cont.)

Sibilia, C.

Deperimento di pinoli nelle pine. Boll. R. Staz. Patol. Veg.Roma. n.s., 7: 454-457. O./D.1927 (Rec'd My.1928) no.4.

Bot. Gaz. (Chicago)

Burge, W.E.

Stimulating effect of amino acids on sugar metabolism of plant and animal cells. Bot. Gaz. 85: 344-347. My.1928. no.3.

Fedtschenko, B. & Basilevskaja, N.

Revision of the genus Bejaria mutis. Bot.Gaz. 85: 299-322. My. 1928. no.3.

Haas, A.R.C.

Water-sulubility of dry matter in relation to calcium nutrition of normal orange and lemon leaves. Bot. Gaz. 85: 334-340. My. 1928. no.3.

Hafenrichter, A.L.

Respiration of the soy bean. Bot. Gaz. 85: 271-298. My.1928. no.3.

Jones, J.A.

Overcoming delayed germination of Nelumbo lutea. Bot. Gaz. 85: 341-343. My.1928. no.3.

Munz, P.A.

Studies in Onagraceae II. Revision of North American species of subgenus Sphaerostigma, genus Oenothera. Bot. Gaz. 85: 233-270 My.1928. no.3.

Spessard, E.A.

Anatomy of Lycopodium sporeling. Bot. Gaz. 85: 323-333. illus., pl.ix-x My.1928. no.3.

Bot. Közlem. (Budapest)

Fóriss, F.

Adatok a Kudzsiri havasok zuzmóflórájának ismeretéhez (Beitrage zur kenntnis der flechtenflora des Kudzsiner Hochgebirges). Bot. Közlem. 25: 59-91. 1928. no.1/4.

German résumé: p.(18)-(19).

Gombocz, E.

Vizsgálatok hazai nyárfákon. (Untersuchungen über ungarische pappelarten). Bot.Közlem. 25:5-58. pl. i-lviii (part col.) 1928. no.1/4.

German résumé: p. (2)-(18).

Bulet. Grad. Bot. Univ. Cluj. (Roumania)

Borza, A.

Materiale pentru studiul ecologic al câmpiei ardealului. Bulet. Grad. Bot. Univ. Cluj. 8: 10-27. 1928. no. 1.

Rumanian with English summary.

Pop, E.

Betula nana L. şi Betula humilus Schrank in Romania. Bulet. Grad. Bot. Univ. Cluj. 8: 1-9. 1928. no. 1.

Rumanian with German summary.

Bull. Agr.Res. Inst. Pusa.

Howard, A. & Howard, G.L.C.

The improvement of Indian wheat, a brief summary of the investigations carried out at Pusa from 1905 to 1924 including an account of the new Pusa hybrids. Bull. Agr.Res. Inst. Pusa. 171. 26 p. 2 pl. 1928.

Bull. Amer. Iris Soc.

Chandler, C. & Stout, A.B.

Report of 1927 Iris breeding experiments at the New York botanical garden. Bull. Amer. Iris Soc. 27: 31-49. Ap.1928.

Peckham, E.A.S.

Bibliography of the writings of Sir Michael Foster on irises. Bull. Amer. Iris Soc. 27: 50-51. Ap. 1928.

Shull, J.M.

An iris roll-call, 1926-1927. Bull. Amer. Iris Soc. 27: 3-6. Ap.1928.

Wright, A.H.

Old iris names: duplications and needed search. Bull. Amer. Iris Soc. 25: 9-23. O.1927.

Bull. Counc. Sci. & Ind. Res. Austr. (Melbourne)

Dodd, A.P.

The biological control of prickly pear in Australia. Bull. Counc. Sci. & Ind. Res.Austr. 34. 44 p. 9 pl. (incl.map)

Diseases: p.43-44. 1927

Bull. La Murithienne Soc. Valais. Sci.Nat.

Christ, H.
Rosiers du Valais, II, 1926. Bull. La Murithienne Soc. Valais Sci. Nat. 44: 150-169. 1927. (Rec'd My.1928)

Mayor, E. & Cruchet, P.
Herborisation mycologique dans la vallée de Bagnes et à Bramson-Follaterres en août 1926. Bull. La Murithienne Soc. Valais Sci.Nat. 44: 147-149. 1927 (Rec'd My.1928)

Mayor, E.
Le pasteur Dr. h.c. Denis Cruchet. Bull. La Murithienne Soc. Valais. Sci.Nat. 44: 170-173. 1927 (Rec'd My.1928)

Bull. Misc.Inform. Kew. (London)

Becker, W.
On some violets from the Andes. Bull. Misc. Inform. Kew. 1928: 133-141. no.4.

Green, M.L.
The last issue of the Journal de Botanique. Bull. Misc. Inform. Kew. 1928: 155-156. no.4.
v.xxii (xxiii?) (ser.II,v.3) 1910-13, printed 1914, but not distributed till 1925.

Hubbard, C.E. & Sandwith, N.Y.
New plants from Spain. Bull. Misc. Inform.Kew. 1928: 150-155. illus. no. 4.

Kew, Royal gardens.
Decades kewensis. Plantarum novarum in herbario horti regii conservatarum. CXX. Bull. Misc. Inform. Kew. 1928: 141-147. no.4.

Moss, M.B.
The genus Dichapetalum in east, south tropical and subtropical Africa. Bull. Misc. Inform. Kew. 1928: 115-130. illus. incl. map. no.4.
D. dummeri, D.ugandense, n.spp.

Sprague, T.A.
The correct spelling of certain generic names. Bull. Misc. Inform. Kew. 1928: 113-115. no.4.
Mesembryanthemum (not. Mesembrianthemum); Elichrysum(not Helichrysum); Annona (not Anona).

Bull. Misc. Inform. Kew. (cont.)

Sprague, T.A.
Laurence Athelstan Molesworth Riley. Bull. Misc. Inform. Kew. 1928: 157-158. no.4.
List of botanical papers by the late Mr. L.A.M. Riley: p.158.

Stapf, O. & Hubbard, C.E.
Notes on African grasses, VII. Bull. Misc. Inform. Kew. 1928: 130-133. no.4.
Uganda grasses Comp. from letters from Mr.J.D. Snowden.

Stapf, O.
Setaria glauca and S. lutescens. Bull. Misc. Inform. Kew. 1928: 147-149. no.4.

Bull. Off. Agr. Rég. Massif Central Clermont-Ferrand.

Dufrénoy, J.
Dépérissement des arbres fruitiers dans le Massif Central. Bull. Off. Agr. Rég. Massif. Central Clermont-Ferrand. 7: 100-113. illus. 1927. (Rec'd Mr.1928)
Main trouble caused by Verticillium sp.; also causes trouble in walnuts.

Dufrénoy, J.
Dépérissements des arbres dans le Massif Central. Bull. Off. Agr.Rég. Massif Central Clermont-Ferrand. 8: 101-119. illus. 1927 (Rec'd Mr.1928)
Maladie de l'encre du chataignier - Dépérissement des noyers (Verticillium) - Dépérissement des pruniers (Verticillium) - Le plomb du prunier.

Bull. Soc. Chim. Biol. (Paris)

Maige, A.
Amylogénèse et amylolyse dans les cellules végétales. Bull. Soc. Chim. Biol. 10: 422-429. Mr.1928. no.3.

Canad. Hort. (Peterboro, Ont.)

Howitt, J.E.
Another season's experience with apple scab. Canad. Hort. 51: 139-140. My.1928. no.5.

Robinson, T.C.
Some wild fruits that should be tamed. Canad. Hort. 51: 143. My.1928. no.5.

Centralbl. Bakt. Abt.II. (Jena)

Arcularius, Joh.J.

Zytologische untersuchungen an einigen endotrophen mykorrhizen. Centralbl. Bakt. Abt.II. 72: 191-207. illus., pl. Ap.28,1928. no.8/14.

Grüss, J.

Phylloseptie, die blattfäulnis der Nymphaea alba Centralbl. Bakt. Abt.II. 74: 214-229. illus. Ap.28, 1928. no.8/14.

Coccus phillosepticus, C. zymophyllosepticus.

Citrus Indust. (Tampa, Fla.)

Rhoads, A. S.

Water injury to citrus trees in Florida. Citrus Indust. 9: 7-11, 31. illus. My.1928. no.5.

Compt. Rend. Acad. Agr. France. (Paris)

Sanson, J.

Les effets des gelées du mois de Décembre 1927 sur les ensemencements des céréales en France. Compt. Rend. Acad. Agr. France. 14: 592-597. My.2, 1928. no.16.

Compt. Rend. Acad. Sci. Paris.

Leblond, E.

Formation des vacuoles accessoires chez le Closterium lunula Nitzch. Compt. Rend. Acad. Sci. Paris. 186: 1311-1314. illus. Mr.7, 1928. no.19.

Lutz,L.

Sur l'influence exercée par le support sur les caractères morphologiques du polypore du bouleau. Contribution à l'étude du rôle anti-oxygène du tanin. Compt. Rend. Acad. Sci. Paris. 186: 1231-1232. 1928. no. 18.

Ollivier, G.

Sur les bromuques de diverses céramiacées. Compt. Rend. Acad. Sci. Paris. 186: 1232-1234. 1928. no. 18.

Sauvageau, C.

Sur la question du Tilopteris mertensii Kütz. Compt. Rend. Acad. Sci. Paris. 186: 1253-1256. My.7, 1928. no. 19.

Contr. Bot. Cluj, Roumanie.

Borza,A.

Descoperirea plantei Polygala chamaebuxus in Bucegu (Floarea regelui Ferdinand). Contr. Bot. Cluj Roumanie. v.1, no.9. 4 p. Mr.1928.

Country Life. (London)

Bean, W.J.

Uncommon dwarf rock garden shrubs. Country Life. 63(Suppl.): lxvi, lxxviii. illus. My.12, 1928. no.1634.

Deut. Landw. Presse. (Berlin)

Bitterhoff,

Weissklee-sortenanbauversuche. Deut.Landw. Presse. 55: 269-270. illus. My.5, 1928. no.18.

Maas,

Die hederichbekämpfung mit hederichkainit. Deut. Landw. Presse. 55: 266-267. illus. My.5, 1928. no. 18.

Pape, H.

Krankheiten und schädlinge der futter- und wiesenpflanzen und ihre bekämpfung. (cont.) Deut. Landw. Presse. 55: 270. illus. My.5, 1928. no.18.

Floralia (Assen, Netherlands)

Schenk, P.J.

Dennennaaldenroest. Floralia. 49: 299-300. illus. My.11, 1928. no. 19.

Folia Cryptogamica (Szeged, Hungary)

Gyelnik, V.

Adatok Magyarország zúzmó vegetatiójához II. (Beiträge zur flechtenvegetation Ungarns II) Folia Cryptogamica. 1: 579-604. 1928. no.6.

Györffy, I.

Enteromorpha szegediensis Györffy et Kol n. subsp. Ein endemismus des Nagy Alföld. Folia Cryptogamica. 1: 624. pl.xviii. 1928. no.6.

Kol, E.

Ueber die kyrovegetation der Hohen-Tátra I- Folia Cryptogamica. 1: 615-621. pl xvii. 1928. no.6.

Langer, A.

Massenhaftes auftreten von Sphaeroplea braunii (Ktzg.) Folia Cryptogamica. 1: 627. 1928. no.6.

Pákh, E.

Leptothrix trichogenes Cholodny Csikrákosról és Szegedröl (Ueber das vorkommen von Leptothrix trichogenes bei Csikrákos und Szeged). Folia Cryptogamica. 1: 636-637. illus. 1928. no.6.

Folia Cryptogamica (cont.)
Sántha, L.
A magyarországi Physcia félék monografiája, tekintettel az európai fajokra. Folia Cryptogamica. 1: 448-576. pl. vii-xvi. 1928. no.6.

Gard. Chron. (London)
Darnell, A.W.
The genus Primula. (cont.) Gard. Chron. III, 83: 318. My.5, 1928. no.2158.

Todd, E.E.
A revision of violas. (cont.) Gard.Chron. III, 83: 315. My.5, 1928. no.2158.

Gartn.-Tid. (København)
D., A.M.
Chrysanthemum rust. Gartn.-Tid. 44: 232-234. illus. My.1, 1928. no. 18.

Hawaiian Plant.Rec. (Honolulu)
Carpenter, C.W.
Notes on Pythium root rot of sugar cane II. Hawaiian Plant.Rec. 32: 192-204. illus. Ap. 1928. no.2.

Stewart, G.R., Muir, F., Van Zwaluwenburg, R.H., Cassidy, G.H. & Hansson, F.
The relation between soil treatments and nematode attacks to cane roots in Central Maui soils. Hawaiian Plant.Rec. 32: 205-217. incl. 2 fold.tables. Ap.1928. no.2.

Stewart, G.R. & Hansson, F.
Study of the effect of nematodes upon cane roots in sterilized soils. Hawaiian Plant.Rec. 32: 217-223. illus. Ap.1928. no.2.

Hilgardia (Berkeley, Cal.)
Rosa, J.T.
The inheritance of flower types in Cucumis and Citrullus. Hilgardia. 3: 233-250. illus. Ap.1928. no.9.

Hoppe-Seyl. Zeitschr. Phys. Chem. (Berlin)
Fischer, H. & Schwerdtel, F.
Zur kenntnis der natürlichen porphyrine XXII. Gewinnung von hämin aus hefe. Hoppe-Seyl. Zeitschr. Phys. Chem. 175: 248-260. My.1928. no.5/6.

Hort. Illus. (Boston)
Wilson, E.H.
A new azalea from China. Hort. Illus. 6: 244. illus. My.15, 1928. no.10.
Azalea microphyton.

Illus. Landw. Zeit. (Berlin)
Blund, H.
Die fusskrankheiten des getreides. Illus. Landw. Zeit. 48: 223-225. illus. Apr.27,1928. no.17.

Indische Mercuur (Amsterdam)
Bussey, L.P. de.
Onderzoek van de topstorfte in der koffie van Zuid-Sumatra. Indische Mercuur. 51: 338. illus. My.2, 1928. no.18.

Industr. Saccifera Ital. (Genova)
Costa, T.
Contributo allo studio della "Cercospora beticola" (Sacc.) nella bassa vallata Padana. Industr. Saccarifera Ital. 21: 113-114. Mr.1928. no.3.

Inform. Agr. (Spain) (Madrid)
Priego, J.M.
El almendro y sus productos. Inform. Agr. Spain. 18: 171-179. illus. Ap. 1928. no.408.
Amygdalus communis.

Ital. Agr. (Milan)
Toscano, D.
Esperimento di incrocio di prima generazione del granoturco. Ital. Agr. 65: 261-264. illus. Ap.1928. no.4.

Japan. Journ.Bot. (Tokyo)
Kagawa, F.
Cytological studies on Triticum and Aegilops II. On the genus crosses between Triticum and Aegilops. Japan. Journ. Bot. 4: 1-26. pl. i-vii. 1928. no.1.

Kakesita, K.
Studies on regeneration in Bryopyllum calycinum (preliminary note). Japan. Journ. Bot. 4: 27-35. illus. 1928. no.1.

Japan. Journ. Bot. (cont.)

Loo, T.

The effect of renewal of nutrient solutions upon the growth of culture plants and its relation to aeration. Japan. Journ. Bot. 4: 71-98. illus. 1928. no.1.

Nisikado, Y.

Leaf blight of Eragrostis major Host., caused by Ophiobolus kusanoi n.sp., the ascigerous stage of a Helminthosporium. Japan. Journ. Bot. 4: 99-112. pl.xi-xv. 1928. no. 1.

Watanabe, A.

Ueber die vitale oxydation der pflanzenzellen mit den kobaltamminkomplexsalzen. Japan. Journ. Bot. 4: 37-70. illus., pl.viii-x. 1928. no. 1.

Journ. Amer. Pharm. Assoc. (Easton,Pa.)

Nielsen, C. & McCausland, H.

The occurrence and alkaloidal content of various Ephedra species II. Journ. Amer. Pharm.Assoc. 17:427-430. illus. My.1928. no.5.

Journ. Amer. Soc. Agron. (Geneva, N.Y.)

Bouyoucos, G.J. & McCool, M.M.

The correct explanation for the heaving of soils, plants, and pavements. Journ.Amer. Soc.Agron. 20: 480-491. illus. My.1928. no.5.

Journ. Assoc. Off.Agr. Chem. (Wash., D.C.)

Browne, C.A.

Frederick Belding Power. Journ.Assoc. Off. Agr.Chem. 11: iii-vi. port. My.1928. no.2.

Tilden, D.H.

Report on total chlorine in plants. Journ. Assoc. Off. Agr.Chem. 11: 209-218. My.1928. no.2.

Journ. Bacteriol.

Slanetz, C.A. & Rettger, L.F.

Bacterial metabolism, the influence of phosphate buffer in carbohydrate-free and in glucose-containing media. Journ. Bacteriol. 15: 297-317. My. 1928. no.5.

Journ. Bacteriol. (cont.)

Speakman, H.B., Gee, A.H. & Luck, J.M.
The influence of sodium chloride on the growth and metabolism of yeast. Journ. Bacteriol. 15: 319-340. illus. My.1928. no.5.

Journ. Minn. Agr. Gt.Brit. (London)

Long, H.C.
Weeds of arable land, II Journ. Min. Agr. Gt. Brit. 35: 147-153. My.1928. no.2.

Miles, H.W.
Azalea culture in Belgium. Journ.Min.Agr. Gt.Brit. 35: 137-147. 4 pl. on2. May 1928. no.2.

Nattrass, R.M.
The control of American gooseberry mildew: trials with sulphur in the Bristol province. Journ. Min. Agr.Gt. Brit. 35: 161-167. My.1928. no.2.

Journ. Washington Acad.Sci.

Stanley, P.C.
New plants from Central America. XIII. Journ. Wash. Acad. Sci. 18: 273-282. My.19,1928. no.10.

Kartoffel, Zeitschr. Kartoffelbau. (Berlin)

Friebe,
Die pflege der fruhkartoffeln. Kartoffel, Zeitschr. Kartoffelbau. 8: 120-122. illus. My.1, 1928. no.9.

Landw. Jahrb. (Berlin)

Lamberg, G.
Erfahrungen mit der pflanzenphysiologischen bodenanalyse nach Professor Mitscherlich. Landw. Jahrb. 67: 457-483. 1928. no.4.

Landw. Jahrb. Schweiz. (Bern)

Neuweiler, E.
Einfluss der konzentration und menge von kupfervitriollösungen auf die keimfähigkeit von weizen Landw. Jahrb. Schweiz. 42: 271-288. 1928. no.2.

Landw. Versuchsst. (Berlin)

Neubauer, H., Bonewitz, W. & Schottmüller, A.
Vergleiche zwischen bodenuntersuchungen nach der keimpflanzenmethode und nach der methode von Mitscherlich. Landw. Versuchsst. 107: 131-142. Ap.1928. no.3/4.

Malayan Agr. Journ. (Kuala Lumpur)

Sands, W.N.
The bitter-cucumber or peria. Malayan Agr. Journ. 16: 32-39. pl.i-iii. F.1928. no.2.
Memordica charantia.

Thompson, A.
Notes on Sclerotium Rolfsii Sacc. in Malaya. Malayan Agr. Journ. 16: 48-58. 2 pl. F.1928. no 2
On Jerusalem artichokes, on rice, on sireh (Piper betle); on Caladium sp.

Thompson, A.
A preliminary note on Phytophthora spp. found in Malaya. Malayan Agr.Journ. 16: 40-47. F. 1928 (Rec'd My.1928) no.2.

Malpighia(Palermo)

Buscalioni, L. & Rocella, G.
L'emissione di ossegeno attivo da alcuni organi delle piante. (cont.) Malpighia. 30: 485-642. pl. iii-iv. 1928. no.1/12.

Buscalioni, L. & Mattei, G.E.
Erbarium siculum, cura et studio D. Salvatoris Sinatra pharmacopolae netini. Malpighia. 30: 472-481. 1927. no.1/12.

Buscalioni, L.
Frammenti di storia contemporanea della botanica italiana. (cont.) Malpighia. 30: 2-34. 1927. no. 1/12.

Buscalioni, L. & Catalano, G.
Un singolare tipo di stomi in un'acacia fillodinica e suo significato filogenetico. Malpighia. 30: 455-463. pl. 1. 1927. no. 1/12.

Buscalioni, L. & Muscatello, G.
Studio monografico sulle specie americane del gen. "Saurauia Willd." (concl.) Malpighia. 30: 35-444. 1927. no.1/12.

Meld. Norges Landbruks. (Oslo)

Bremer, A.H.

Temperatur og plantevekst. I- (Temperature and plant growth I-) Medl. Norges Landbruks. 8: 267-287. 1928. no.

English summary: p.284-287.

Vik, K.

Nedarving av akstetthet (internodielengde) m.m. ved kryssnig av Asplund- og Maskinbygg. Meld. Norges Landbruks. 8: 249-266. 1928. no.5.

English summary: p.265-266.

Study of inheritance in barley.

Mexico For. (Mexico City)

Ortega, J.G.

Nuestras cactáceas de Occidente, Catalinía (Opuntia brittoni, G. Ortega). Mexico For. 6: 68-70. illus. Ap.1928. no.4.

Möller's Deut. Gärtn.-Zeit.

Tischer, A.

Conophitum chloratum Tisch. spec.nov. Möller's Deut. Gärtn.Zeit. 43: 150. My.1, 1928. no.13.

Nature.(London)

Gatenby, J.B.

The Golgi bodies of plants. Nature. 121: 712. My.5, 1928. no.3053.

Olson, A.R. & Lewis, G.N.

Natural reactivity and the origin of species. Nature. 121: 673-674. Ap.28, 1928. no.3052.

Nuovi Ann. Agr. Min. Econ. Naz. Italy.

Massalongo, C.

Nuovo censimento delle piante fanerogame e crittogame vascolari del Bosco Fontana. Nuovi Ann. Agr. Min. Econ. Naz. Ital. 7: 499-514. D. 1927. no.4.

Ochrana Rostlin, (Prague)

Baudys, E.

Ochrana rostlin v prvém čtvrtletí. Ochrana Rostlin. 8: 19-28. illus. 1928. no.1.

Plant protection in the first quarter.

Kříž, K.

Jak se rozšiřuje rajovina bramboru? Ochrana Rostlin. 8: 7-9. 1928. no. 1.

Spread of potato wart.

Oesterr. Bot Zeitschr. (Wien)

Geitler, L.
Autogamie bei Amphora. Oesterr. Bot. Zeitschr. 77: 81-91. illus. Ap.1928. no.2.

Hofmann, E.
Urgeschichtliche pflanzenreste aus niederösterreichischen höhlen und tumulis. Oesterr. Bot. Zeitschr. 77: 136-146. Ap.1928. no.2.

Klein, G., Herndlhofer, E. & Tröthandl, O.
Der mikrochemische nachweis der alkaloide VII. Der mikrochemische nachweis der Sabadilla-alkaloide. Oesterr. Bot. Zeitschr. 77: 111-120. Ap.1928. no.2.

Litschauer, V.
Neue corticieen aus Oesterreich. Oesterr. Bot. Zeitschr. 77: 121-134. illus. Ap.1928. no.2.

Tobisch, J.
Beiträge zur kenntnis der pilzflora von Kärnten II. Oesterr. Bot. Zeitschr. 77: 92-110. Ap. 1928.

Orchid Rev. (Richmond, England)

Arnold, R.E.
Some Stanhopea species. Orchid Rev. 36: 138-144. My.1928. no.419.

Parfum. Mod. (Lyon, France)

Cerbelaud, R.
Lichens colorants et lichens aromatiques. Parfum. Mod. 21: 81-84. Ap.1928. no.4.

Gérardin, E.
Les parfums du soir et de la nuit, l'heure vespérale chez les fleurs. Parfum. Mod. 21:85-86. Ap.1928. no.4.

Musso, L.
Développement du camphrier dans la région Méditerranéenne (Italie et Algérie). Parfum. Mod. 21: 65-71. illus. Ap.1928. no.4.

Plant Breed. Ser. Canad. Seed Grow.Assoc.

Newman, L.H.
Classification of Canadian spring wheat varieties. Plant Breed. Ser.Canad. Seed Grow. Assoc. 1. 29 p. illus. 1928.

Plant Physiology.

Christensen, L.M.
On the nitrogen content of growing cultures of Mycoderma and of Saccharomyces cerevisiae. Plant Physiology. 3: 61-69. Ja.1928. (Rec'd My.1928)

Frear, D., Styer, J.F. & Haley, D.E.
A study of the effect of H-ion concentration on the growth of Agaricus campestris. Plant Physiology. 3: 91-94. Ja.1928 (Rec'd My.1928) no.1.

Harvey, E.N.
Photosynthesis in absence of oxygen. Plant Physiology. 3: 85-89. Ja.1928 (Rec'd My.1928) no.1.

Miller, J.C.
Effect of high temperature on character of growth of cabbage. Plant Physiology. 3: 95-96. illus. Ja.1928 (Rec'd My.1928)

Sande-Bakhuyzen, H.L.van.de.
Studies upon wheat grown under constant conditions I-II. Plant Physiology. 3: 1-6, 7-30. Ja. 1928 (Rec'd May) no.1.

Sayre, J.D.
The development of chlorophyll in seedlings in different ranges of wave lengths of light. Plant Physiology. 3: 71-77. Ja.1928 (Rec'd My.1928) no. 1.

Sideris, C.P.
Similarity between physicochemical and biological reactions. Plant Physiology. 3: 79-83. Ja. 1928 (Rec'd My.1928) no.1.
Experiments with Fusarium martii, Verticillium sp. & Penicillium sp.

Webster, J.E.
Nitrogen metabolism in the soy bean. Plant Physiology. 3: 31-43. Ja.1928 (Rec'd My.1928) no.1.

Williaman, J.J. & Beaumont, J.H.
The effect of accumulated carbon dioxide on plant respiration. Plant Physiology. 3: 45-59. Ja.1928 (Rec'd My.1928) no.1.

Planta, Arch. Wiss. Bot. (Berlin)

Beyer, A.
Experimentelle studien zur Blaauwschen theorie II. Mitteilung: Neue vergleichende untersuchungen über lichtkrümmung und lichtwachstum bei normalen und dekapitierten haferkeimlingen. Planta. Arch. Wiss. Bot. 5: 478-519. Ap.1928. no.3.

Freund, H.
Ueber die bedingungen des wachstums von Oedogonium pluviale. Ein beitrag zur frage des stickstoff- und phosphoretiolements. Planta, Arch. Wiss. Bot. 5: 520-548. Ap.1928. no.3.

Jaretzky, R.
Bildungsabweichungen in cruciferenblüten. Planta, Arch. Wiss. Bot. 5:444-463. illus. Ap. 1928. no.3.

Jensen, P.B.
Die phototropische induktion in der spitze der avenacoleoptile. Planta, Arch. Wiss. Bot. 5: 464-477. illus. Ap.1928. no.3.

Schmucker, T.
Die bedingungen des nächtlichen blühens von Cereus grandiflorus. Planta, Arch. Wiss. Bot. 5: 549-559. Ap.1928. no.3.

Schmucker, T.
Nachtrag zu meiner arbeit: "Ueber bildungsanomalien bei Chara." Planta, Arch. Wiss. Bot. 5: 560-562. Ap. 1928. no.3.

Stephan, J.
Untersuchungen über die lichtwirkung bestimmer spektralbezirke und bekannter strahlungsintensitäten auf die keimung und das wachstum einiger farne und moose. Planta, Arch. Wiss. Bot. 5: 381-443. illus. Ap.1928. no. 3.

Prakt. Blätt. Pflanzenb. u. Pflanzensch. (Freising)

Kinzel, W.
Ueber die fortschritte der keimungsbiologie. Prakt. Blätt. Pflanzenb. u. Pflanzensch. 28: 13-17. Ap.1928. no. 1.

Proc. Amer. Acad.

Clinton, G.P.
George Richard Lyman (1871-1926). Proc. Amer. Acad. Arts & Sci. 62: 268-273. My.1928. no.9.

Proc. Amer. Acad. (cont.)

Hitchcock, A. S.
Charles Vancouver Piper (1867-1926). Proc. Amer. Acad. Arts & Sci. 62: 275-276. My.1928. no. 9.

Robinson, B.L.
Sir Joseph Dalton Hooker (1817-1911). Proc. Amer. Acad.Arts & Sci. 62: 257-266. My.1928. no.9.

Proc. K.Akad. Wetensch. Amsterdam.

Posthumus, O.
Notes on Pteridophyta from Djambi, Sumatra. Proc. K. Akad. Wetensch. Amsterdam. 31: 95-112. 1928. no. 1.

Ultée, A.J.
The essential oil from Gastrochilus panduratum Ridl. Proc. K. Akad. Wetensch. Amsterdam. 31: 62-64. 1928. no.1.

Uyldert, I.E.
The influence of growth-promoting substances on decapitated flower-stalks of Bellis perennis. Proc. K. Akad. Wetensch. Amsterdam. 31: 59-61. 1928. no.1.

Proc. Roy. Soc. Edinb.

Bower, F.O.
Abercrombie Anstruther Lawson, M.Sc., Ph.D., D.Sc., F.R.S.E., F.L.S. Proc. Roy. Soc.Edinburgh. 47: 374-377. 1928. no.4.

Proc. Roy. Soc. Ser.B. (London)

James, W.O.
Experimental researches on vegetable assimilation and respiration XIX. The effect of variations of carbon dioxide supply upon the rate of assimilation of submerged water plants. Proc. Roy. Soc. Ser. B, 103: 1-42. illus. My.1928. no.721.

Proc. U.S. Nat. Mus.

Berry, E.W.
Fossil nutlets of the genus Lithospermum. Proc. U. S. Nat. Mus. v.73, art.13. 3 p. pl. 1928. no.2734.

Progr. Agr. & Vitic. (Montpellier)

Ravaz,L. & Verge, G.
L'excoriose (cont.) Prog. Agr. & Vitic. 89: 450-458. illus. My.6, 1928. no.19.

Queensl. Agr. Journ. (Brisbane)
Wood, E.J.F.
Cane varieties grown in Queensland, their resistance to disease. Queensl. Agr.Journ. 29: 261-270. Ap.1928. no.4.

Rep. Dept. Sci. & Agr. Brit.Guiana. (Georgetown)
Alston, R.A.
Report of the assistant botanist and mycologist, 1926. Rep. Dept. Sci. & Agr.Brit. Guiana, 1926: 41-53. 1928.
Plant diseases - Examination of the Potaro-Ireng district - Jenman herbarium.

Rev. Bot. Appl. (Paris)
Chevalier, A.
Révision des Acacias du Nord, de l'Ouest et du Centre africain. (cont.) Rev. Bot. Appl. 8: 263-270. Ap.1928. no. 80.

Rev. Vitic. (Paris)
Moreau, L. & Vinet, E.
Le mildiou - Evolution et traitements en 1927, conclusions pratiques (concl.) Rev. Vitic. 68: 269-284, 285-287. Ap.26, My. 3,1928. no.1765-1766.

Viala, P.
Recherches sur les maladies de la vigne. Nouvelles observations sur l'esca. Rev. Vitic. 68: 265-269. illus. Ap.26,1928. no.1765.

Rhodora. (Boston)
Benke, H.C.
Some Illinois asters and a new variety of A. multiflorus. Rhodora. 30: 77-79. Ap.1928. no.352.
A. multiflorus var.caeruleus.

Fernald, M.L.
Prumula farinosae in America. Rhodora. 30: 59-77. pl. 169. Ap.1928. no.352.

Sprague, T.A.
The standard-species of Nymphaea L. Rhodora 30: 53-59. Ap.1928. no.352.

Riv. Patol. Veg. (Pavia)
Draghetti, A.
I caratteri osmotici quale causa della resistenza dei frumenti alla ruggine. Riv. Patol. Veg. 18: 41-64. Mr./Ap.1928. no.3/4.

Sbornik Ceskoslov. Akad. Zeměd. (Praha)
Kamenický, K.
Cíle ovocnářského ušlechtováni (Les buts de l' amélioration des plantes fruitières). Sbornik Ceskoslov. Akad. Zeměd. 3: 171-193. 1928. no.1.
French résumé: p.192-193.

Schweiz. Zeitschr. Obst- u. Weinb. (Wädenswil)
Schellenberg, H.
Ueber den falschen meltau und den rotbrenner der reben und die bekämpfung dieser krankheiten. Schweiz. Zeitschr. Obst- u. Weinb. 37: 172-176. My.1928. no.10.

Science. (Lancaster,Pa.)
Fisher, W.K.
Edward Sanford Burgess, January 19, 1855-February 23, 1928. Science. 67: 501-502. My.18, 1928. no. 1742.

Kotila, J.E.
Concerning a Rhizoctonia which forms hymenial cells and basidiospores in culture. Science. 67: 490. My.11, 1928. no. 1741.
Corticium, not C.vagum.

Stevens, F.L.
The sexual stage of fungi induced by ultra-violet rays. Science. 67: 514-515. illus. My.18, 1928. no.1742.

So.Afr. Fruit Grow. (Cape Town)
Marloth, R.H.
The importance of bud variations in citrus. South African Fruit Grow. 15: 80-81. Ap.1928. no.4.

Succulenta (Leeuwarden)
Duursma, G.D.
Pelechyphora's. Succulenta. 10: 81-83. illus. My.1928. no.5.

Duursma, G.D. & Houten, J.M. van den.
Uit den ouden tijd. 3. Succulenta. 10: 88-90. illus. My.1928. no. 5.

Tidskr. Svenska Mooskult.
Osvald, H.
[Hjalmar von Feilitzen]. Tidskr. Svenska Mosskult. 42: 185-192. port. My.1928. no.3.
Born 1870, died, 1928.

Tijdschr. Plantenz. (Amsterdam)
In Memoriam, Prof. Dr. Jan Ritzema Bos. Tijdschr. Plantenz. 34: 123-124. Ap.1928. no.4.

Meer, J.H.H. van der.
Vlasbrand (Brûlure du lin). Tijdschr. Plantenz. 34: 126-144. Ap.1928. no.4.
French résumé: p.143-144.
Asterocystis radicis.

Trab. Mus. Com. Venezuela (Caracas)
Pittier, H.F.
Contribuciones a la dendrologia de Venezuela. Arboles y arbustos del orden de las leguminosas. II. Ceselpiniaceas. Trab. Mus. Com. Venezuela. 3: 113-178. Mr.1928.

Tree Talk. (Stamford, Conn.)
Anderson, H.W.
Blister canker of apple trees. Tree Talk. 8(4): 21-24. illus. 1928.

Clark, J.C.
Some interesting trees of central and western New York. Tree Talk. 8(4): 18-19. illus. 1928. no.4.

U.S. Dept. Agr. Circ.
Bryan, M.K.
Bacterial canker of tomatoes. U.S. Dept. Agr. Circ. 29. 7 p. illus. Ap.1928 (Rec'd My.24)

U.S. Dept. Agr. Plant Dis.Rep.
Archer, W.A.
Plant diseases in Iowa in 1927. U.S. Dept. Agr. Plant Dis.Rep. Suppl.58: 1-64. pl.i-ii. My.1, 1928.

Horne, W.T.
Note on the experimental inoculation of avocado seedlings with the pear blight organism, Bacillus amylovorus (Burr.) Trev. U.S. Dept.Agr. Plant Dis. Rep. 12: 7-8. My.15, 1928. no.1.
Avocadonot susceptible.

Linford, M.B.
Plant diseases in 1927. U.S. Dept. Agr. Plant Dis.Rep. Suppl. 59: 65-117. pl. iii-v. My.15, 1928.

U.S. Dept. Agr. Techn. Bull.
Flint, L.H.
Crop-plant stimulation with paper mulch.
U.S. Dept. Agr. Techn. Bull.75. 20 p. illus.
My. 1928.

Veröffentl. Preuss. Hauptlandwirtschskam.
Falck, R.
Der hausschwamm und seine bekämpfung.
Veröffentl. Preuss. Hauptlandwirtschskam. 24:
48-83. illus. 1928.

Vict. Nat. (Melbourne)
Coleman, E.
Pollination of Cryptostylis leptochila, F.v.M.
Vict. Nat. 44: 333-340. illus. Ap.1928. no.12.

Williamson, H. B.
The aquatic plants of Victoria, IV. Vict.
Nat. 44:324-332. illus. Ap.1928. no.12.

Zapiski Belarusk,Dziarzh. Akad. Sel'sk. Gaspad. (Ann. Weissruth.
Staatl. Akad. Landw. Gorky)
Nesterchuk, G.I.
... Die symbiose und ihre bedeutung in der forst-
wirtschaft. Zapiski Belarusk. Dziarzh. Akad. Sel'sk
Gaspad. (Ann. Weissruth. Staatl. Akad. Landw.Gorky)
4: 173-184. illus. 1927.
White Russian with German summary.

Nesterchuk, G.I.
... Untersuchungen der quantitativen und
qualitativen schädigungen der holzarten durch pflanz-
liche schädlinge des Gorkischen forstreviers zu ver-
suchs. Lehrzwecken im jahre 1926. Zapiski Belarusk.
Dziarzh. Akad. Sel'sk Gaspad. (Ann. Weissruth. Staatl.
Akad. Landw. Gorky) 4: 109-112. 1927.
White Russian with German summary.

Rego, G.
... Ueber den einfluss einiger faktoren der
vegetation und ackerbaues auf die botanische
zusammensetzung einer population. Zapiski Belarusk.
Dziarzh. Akad. Sel'sk. Gaspad. (Ann. Weissruth. Staatl.
Akad. Landw. Gorky). 4: 47-53. 1927.
White Russian with German summary.

Zeitschr. Indukt. Abstamm. u. Vererbungsl. (Leipzig)

Emme, H.
Karyologie der gattung Secale L. Zeitschr. Indukt. Abstamm. Vererbungsl. 47: 99-124. illus. 1928. no.2.

Zeitschr. Sukkulentk. (Berlin)

Bödeker, F.
Echinocactus schmiedickeanus Böd., spec.nov. Zeitschr. Sukkulent. 3: 229-230. illus. Ap. 1928. no. 11.

Bödeker, F.
Mamillaria [Coryphantha] andreae J.A. Purpus und Bödeker n.spec. Zeitschr. Sujjulent. 3: 251-252. illus. Ap.1928. no. 11.

Hornig, A.
Die kakteenfäule. Zeitschr. Sukkulentk. 3: 232. Ap. 1928. no. 11.
Phytophthora cactorum.

Maass, C.A.
Mesembrianthemum, genus: Trichocyclus N.E.Br. Zeitschr. Sukkulent. 3: 233-234. illus. Ap. 1928. no.11.

Roeder, W.von.
Die sämlingszucht. Zeitschr.Sukkulent. 3: 234-251. Ap.1928. no. 11.

Exper.Stat. Publ.

Durrell, L.W.
Report of the botanist, Dec.1, 1926 to Nov.30, 1927 Ann. Rep. Colorado Agr.Exp.Stat. 40: 24-28. [1928]
Range improvement - Weeds- Diseases of truck crops & cereals.

Sackett, W.
Report of the bacteriologist, Dec.1, 1926 to Nov. 30, 1927. Ann. Rep. Colorado Agr.Exp.Stat. 40: 20-24. 1928.
Soil sterilization - Bacteriosis of beans - Cucumber failures - Miscellaneous bacterial diseases.

Exper. Stat. Publ. (cont.)

Blake, M.A.
Report of the Division of horticulture. Ann. Rep. New Jersey Agr. Exp. Stat. 48(1926/27): 157-203. 1928.
Includes Report of the Dept. of ornamental horticulture, by C.H. Conners, Report of the Vegetable Dept. by L.G. Schermerhorn & Report of Dept. of pomology by A.J. Farley.

Ginsburg, J.M.
Investigations of dusts, spreaders, stickers and dilutents for spraying and dustring mixtures. Ann. Rep.New Jersey Agr. Exp. Stat. 48(1926/27): 127-133. pl. i. 1928.

Haenseler, C.M.
Effect of organic mercury seed treatments on germination and yield of peas. Ann. Rep. New Jersey Agr. Exp. Stat. 48(1926/27): 232-238. 1928.

Martin, W.H.
Apple blotch control studies. Ann. Rep.New Jersey Agr. Exp. Stat. 48(1926/27): 216-218. 1928.

Martin, W.H. & Clark, E.S.
Apple scab studies. Ann. Rep. New Jersey Agr. Exp. Stat. 48(1926/27): 218-221. 1928.

Martin, W. H.
New Jersey plant diseases. Ann. Rep.New Jersey Agr. Exp. Stat. 48(1926/27): 205-216. 1928.

Martin, W.H.
Potato spraying. Ann. Rep. New Jersey Agr. Exp. Stat. 48(1926/27): 221-224. 1928.

Martin, W.H.
Report of the Dept. of plant pathology. Ann. Rep. New Jersey.Agr. Exp. Stat. 48(1926/27): 205-238. 1928.

Martin, W.H.
Studies of sweet potato stem rot control... Ann. Rep. New Jersey Agr. Exp. Stat. 48(1926/27): 225-232. 1928.

Exper. Stat. Publ. (cont.)

Nightingale, G.T.
The growth response of some horticultural plants and associated chemical changes in reserve foods. Ann. Rep. New Jersey Agr. Exp. Stat. 48(1926/27): 168-170. 1928.
Asparagus, paper-white narcissus, pear & blackberry.

Robbins, W.R.
Nutrient requirements of the sweet potato plant when grown in sand culture, and effect of various nutrient salt proportions on the composition of the roots. Ann. Rep. New Jersey Agr. Exp. Stat. 48(1926/27): 178-179. 1928.

Hedrick, U.P.
New or noteworthy fruits, IX. New York State Agr. Exp.Stat. Bull.551. 13 p. col.pl. F.1928.

Locklin, H.D.
Culture of Christmas holly. West. Wash. Agr. Exp. Stat. Bull. n.s. 7-W. 25 p. illus. Ja. 1928 (Rec'd Ap.)

State Publications.

Milbrath, D. G.
Late blight of tomato. Month. Bull. Dept. Agr. California. 17: 271-274. Ap.1928. no.4.

Talbert, T.J.
Fruit sprays and spraying. Univ. Missouri Coll. Agr. Ext. Serv. Circ. 196. 16 p. illus. Mr. 1928.

Quinn, J.T.
Controlling potato diseases by seed treatment. Univ. Missouri Coll. Agr. Ext. Serv. Circ. 197. 8 p. illus. Mr.1928.

New Books.

Druce, G.C.
British plant list containing the spermophytes, pteridophytes and charophytes found either as natives or growing in a wild state in Britain, Ireland and the Channel Isles. 2d. ed. Arbroath, T. Buncle & Co., Mr.1928.

New Books. (cont.)

Eichinger, A.
Die unkrautpflanzen des kalkarmen ackerbodens. Berlin, 1927.

Fenaroli, L.
L'abate Giacomo Bresadola e la sua opera micologica. [Milan, 1927]
Estratto dal fascicolo di luglio 1927 della Revista mensile del Touring club italiano "Le vie d'Italia."

Gaisberg, E.V.
Beiträge zur biologie des lärchenkrebspilzes, Dasyscypha willkommii Hrtg. Tübingen, 1928. (Mitt. Württ. Forst. Versuchsanst.)

Humbert, H.
La destruction d'une flore insulaire par le feu principaux aspects de la végétation à Madagascar... Tananarive, 1927 (Mém. Acad. Malgache, Fasc.V, 1927)

Lagerberg, T. & Schlyter, R.
Hussvampen och konservering av trä mot röta Stockholm, Svenska bolhandelscentralen, 1927.

Mason, A. F.
Spraying, dusting and fumigating of plants. N.Y., Macmillan company, 1928.

Michels, G.A.
Systematic laboratory studies of field crops and weeds. Philadelphia, Lea & Febiger, 1928.

Ramaley, F.
Colorado plant life. Boulder, University of Colorado, 1927.

Read, B.E.
Flora sinensis. Ser.A. vol.1, Plantae medicinalis sinensis, 2d. ed. Bibliography of Chinese medicinal plants from the Pen Ts'ao Kang Mu... By B.E. Read & Liu Ju-ch'iang. Peking, 1927.

New Books (cont.)

Reychler, L.
Mutation with orchids. Results obtained by crossings with mutants of Cattleya... Brussels, 1928.

Spain. Ministerio de fomento - Direccion general de agricultura y montes.
Disposiciones referentes al servicio nacional de fitopatologia. [Madrid, 1928]

Urban, I.
Symbolae Antillanae; seu, Fundamenta florae Indiae occidentalis. v.9, fasc.4, Plantae cubenses novae vel rariores a cl. E. L. Ekman lectae, IV. Lipsiae,Mr. 1928.

Wittmack, L.
Botanik und kultur der baumwolle.. mit einem abschnitt: Chemie der baumwollpflanze, von S. Fraenkel. Berlin, J. Springer, 1928 (Technologie der textilfasern hrsg. von R.O. Herzog. IV. bd., 1 teil)
Krankheiten der baumwolle: p.304-318.

Translations available in the Bureau of Plant Industry Library.

Chumakova, E.E.
Zur frage der schutzmassregel gegen der vermehrungspilz (Control of damping off fungi in nurseries). Bolezni Rast. (Morb. Plant.) 13: 121-123. 1924.
Original in Russian.

Vanin, S.I.
[Method of quantitative and qualitative investigation of trees injured by fungi to be used in determining the total injury to a plantation]. Trudy Vseross. Entom.-fitopat. S'ezda (All-Russian Entom.-Phytopath. Congr.) 4th, 1922. p.232-237. 1924.

Vanin, S.I.
[Pests of forest trees in the different plantations of the Romanoff forestry area of the government of Tambov in 1918] Zhurn. Bolezni Rast. (Journ. Plant Dis.) 11: 9-23. 1922.
Original in Russian.

BOTANY
CURRENT LITERATURE

ADDITIONS TO THE BOTANICAL CATALOGUE, BUREAU OF PLANT INDUSTRY
COMPILED FROM PUBLICATIONS RECEIVED IN THE
LIBRARY OF THE UNITED STATES DEPARTMENT OF AGRICULTURE, WASHINGTON, D. C.

LIBRARY
RECEIVED
★ JUN 21 1928 ★
U. S. Department of Agriculture

V.10, no. 12. May 28-Je.9, 1928.

Acta Soc. Bot. Polon. (Warazawa)

Kaznowski, K.
Notatki florystyczne z Gór Swiętokrzyskich (Contributions à la flore des montagnes de Sainte-Croix). Acta Soc. Bot. Polon. 5: 68-70. pl. iii. 1927 (Rec'd My.1928) no.1.

Koczwara, M.
Ligularia glauca na ziemiach Polski (Lingularia glauca in Polen.) Acta Soc. Bot. Polon. 5: 99-101. 1927 (Rec'd My.1928) no.1.

Korczewski, M.
Emil Godlewski sen.(W osiemdziesiata rocznice urodzin. - A l'occasion du quatre-vingtième anniversaire de sa naissance). Acta Soc. Bot. Polon. 5: 3-11. port. 1927 (Rec'd My.1928) no.1.

Kotowski, F.
Temperature alternation and germination of vegetable seed. Acta Soc. Bot. Polon. 5: 71-78. 1927 (Rec'd My.1928) no.1.

Krzemieniewski, H. & Krzemieniewski, S.
Miksobakterje Polski. Uzupełnienie (Die myxobakterien von Polen. Anhang). Acta Soc. Bot. Polon. 5: 79-98. pl.iv-vi. 1927 (Rec'd My.1928) no.1.
Sorangium spumosum, Polyangium ferrugineum, P. indivisum, P. luteum, n.sp.
German résumé: p.95-98.

Krzemieniewski, H. & Krzemieniewski, S.
Rozsiedlenie miksobakteryj. (Ueber die verbreitung der myxobakterien im boden). Acta Soc. Bot. Polon. 5: 102-139. 1927 (Rec'd My.1928) no.1.
German résumé: p.130-139.

Lachertowa, I.
W sprawie t. zw. "enclaves protéiques" Vandendries'a. Acta Soc. Bot. Polon. 5: 60-67. pl. ii. 1927 (Rec'd My.1928) no.1.

Acta Soc. Bot. Polon. (cont.)

Miczynski, K.
Przyczynek do cytologji pszenic (A contribution to the cytology of wheats). Acta Soc. Bot. Polon. 5: 12-19. 1927(Rec'd My.1928) no.1.
English summary: p.14-15.

Wóycicki, S.
Studja genetyczne nad kształtami straków u fasoli (Genetische studien über die hülsenformen bei den bohnen). Acta Soc. Bot. Polon. 5: 20-51. illus. 1927 (Rec'd My.1928) no.1.

Agric. Colon. (Firenze)

Calvino, M.
Piante e coltivazioni di introdursi e sperimentarsi in Rodi e nelle isole Egee. Agric. Colon. 22: 163-185. 16 pl. my.1928. no.5.

G., G.B.
Ferdinando Martini. Agric. Colon. 22: 198-200. port. My.1928. no.5.
1841-1928.

Agron. Colon. (Paris)

Maublanc, A.
Une maladie nouvelle de la vanille. Agron. Colon. 17: 77-82. Mr.1928. (Rec'd Je.) no.123.
Phytophthora omnivora.

Amer. For. & For. Life. (Wash., D.C.)

Nearing, G.G.
Emergency rations for the camper. Amer.For. & For. Life. 34: 348-351. illus. Je.1928. no.414.
Mushrooms.

Amer. Journ. Bot.

Denny, F.E. & Stanton, E.N.
Chemical treatments for shortening the rest period of pot-grown woody plants. Amer. Journ. Bot. 15:327-336. illus., pl.xix-xx. My.1928. no.5.

Denny, F.E. & Stanton, E.N.
Localization of response of woody tissues to chemical treatments that break the rest period. Amer. Journ. Bot. 15: 337-344. illus. My.1928. no.5.

Fisher, M.J.
The morphology and anatomy of the flowers of the Salicaceae I. Amer. Journ. Bot. 15: 307-326. illus. My.1928. no.5.

Amer. Journ. Bot. (cont.)

Ma, R.M.
The chloroplasts of Isoetes melanopoda. Amer. Journ. Bot. 15: 277-284. pl.xviii. My. 1928. no.5.

Overholser, E.L.
A study of the catalase of the fruits of pear varieties. Amer.Journ. Bot. 15: 285-306. illus. My.1928. no.5.

Animadv. System. Herb. Univ. Tomsk.

Krylov, P. & Shishkin, B.
... New species of Limnas, L. veresczagini. Animadv. System. Herb. Univ. Tomsk. no.4. 3 p. D.1927 (Rec'd My.1928).
Russian with Latin diagnosis.

Ann. Appl. Biol. (London)

Bennett, F.T.
On Cladosporium herbarum: the question of its parasitism, and its relation to "thinning out" and "deaf ears" in wheat. Ann. Appl. Biol. 15: 191-212. illus., pl. x-xi. My.1928. no.2.
Only types of Cladosporium on cereals are strains of C.herbarum, none of these is parasitic on brassicas or cereals, they are all semi-parasitic. C. herbarum is not the cause of "thinning-out", "premature ripening (white heads)" or "deaf ears" in wheat.

Bennett, F.T.
On two species of Fusarium, F. culmorum (W.G.Sm.) Sacc. and F. avenaceum (Fries) Sacc. as parasites of cereals. Ann. Appl. Biol. 15: 213-244. illus., pl. xii-xiii. My.1928. no.2.
Fusarium diseases of wheat due mainly to F. culmorum & F. avenaceum; barley, oats and rye show corresponding phases of the disease.

Roach, W.A. & Glynne, M.D.
The toxicity of certain sulphur compounds to Synchytrium endobioticum, the fungus causing wart disease of potatoes. Ann. Appl. Biol. 15: 168-190. My.1928. no.2.

Smith, J.H.
Experiments with a mosaic disease of tomato. Ann. Appl. Biol. 15: 155-167. pl. ix. My.1928. no.2.

Ann. Gembloux (Brussels)
Verplancke, G.
Quelques données nouvelles sur les maladies à virus filtrants. Ann. Gembloux. 34: 121-135. Ap.1928. no.4.

Ann. Sci.Nat. Bot. (Paris)
Anthranassoff, A.D.
L'anatomie et la maturation des chaumes d'um pied de blé colosse de razgrad (Triticum turgidum L.) Ann. Sci. Nat. Bot. X, 10: 1-99. pl. i-xiv. Ap. 1928. no.1.

Ann. Serv. Bot. Tunisie.
Burollet, P.A.
Le Sahel de Sousse. Monographie phytogéographique. Ann. Serv. Bot. Tunisie. v.4, no.2. 270 p. 8 pl., fold.map. 1927 (Rec'd 1928)

Petit, A.
Contribution à l'etude cytologique et taxinomique des bactéries. Ann. Serv. Bot. Tunisie. v.4, no.1. 126 p. vii pl. 1927 (Rec'd 1928)

Arb. Biol. Reichanst. Land- u. Forstw. (Berlin)
Braun, H.
Ueber die abspaltung anormaler typen bei sexueller fortpflanzung der kartoffel. Arb. Biol. Reichsanst. Land- u. Forstw. 15: 671-700. illus. 3 pl. 1928.
Untersuchungen zur genetik der kartoffel, hrsg. von K.O. Müller, II.

Houben, J. & Fischer, W.
Lichtchemische untersuchungen. Arb. Biol. Reichanst. Land- u. Forstw. 15: 601-608. illus. 1928.

Schander, R. & Bielert,
Nekrose und andere degenerationserscheinungen im phloem der kartoffelpflanze. Arb. Biol. Reichanst. Land- u. Forstw. 15: 609-670. 4 pl., fold.tab. 1928. no.5.

Schmidt, E.
Schädigungen der kartoffel durch pilze der gattung Fusarium Lk. Arb. Biol. Reichsanst. Land- u. Forstw. 15: 537-592. 4 pl. 1928. no.5.

Arch. de Bot. Caen. Bul. Mens.

Theodoresco, E.
Sur le protonéma des marchantiacées. Arch. de Bot. Caen. Bull. Mens. 2: 57-67. illus. Ap. 1928. no.4.

Arch. de Bot. Caen. Mém.

Litardière, R.de.
Nouvelles contributions à l'étude de la flore de la Corse. Arch. de Bot. Caen. Mém. v.2, no.1. 44 p. 1928

Arch. Protistenk. (Jena)

Crow, W.B.
Contributions to the morphology of colonial Cyanophyceae. Arch. Protistenk. 61: 379-418. illus. 1928. no.3.

Geitler, L.
Copulation und geschlechtsverteilung bei einer Nitzschia-art. Arch.Protistenk. 61: 419-442. illus. 1928. no.3.

Ber. Deut. Bot. Ges. (Berlin)

Buchheim, A.
Biologisch-morphologische untersuchungen an erysiphaceen. Ber. Deut. Ges. 46: 167-180. illus. Ap.1928. no.3.

Heinricher, E.
Ueber einen hexenbesen auf Cydonia japonica. Ber. Deut.Bot. Ges. 46: 198-204. illus. Ap.1928. no.3.

Laibach, F.
Zur vererbung der physiologischen heterostylie-unterschiede. Ber. Deut.Bot. Ges. 46: 181-189. Ap.1928. no.3.

Molisch, H.
Beiträge zur mikrochemie der pflanze 17. Ueber ein bei den kakteen vorkommendes, einen roten farbstoff lieferndes chromogen. Ber. Deut. Bot. Ges. 46: 205-211. Apr.1928. no.3.

Peterschilka, F.
Pollenanalyse einiger hochmoore Neurumániens. Ber. Deut. Bot. Ges. 46: 190-197. Ap.1928. no.3.
Vorläufige mitteilung.

Ber. Deut. Bot. Ges. (cont.)

Wetzel, G.
Chromosomenstudien bei den Eagales. Ber. Deut. Bot. Ges. 46: 212-214. Ap.1928. no.3.

Ber. Deut. Chem. Ges. (Berlin)

Fuchs, W.
Zur kenntnis des genuinen lignins I- Ber. Deut. Chem. Ges. 61: 948-951. My.1928. no.5.
I. Die acetylierung des fichtenholzes.

Kalb, L. & Lieser, Th.
Zur isolierung des lignins. Ber. Deut. Chem. Ges. 61: 1007-1022. My.1928. no.5.

Bergcultures (Batavia)

Reydon, G.A.
Enkele gegevens omtrent de mijtenplaag in de heveabedden. De Bergcultures. 2: 1286-1290. illus. Ap.21, 1928. no.43.
"Mijten en meeldauw".

Ultée, A.J.
Over het optreden der topsterfte van de koffie op Java. De Bergcultures. 2: 1290-91. illus. Ap.21, 1928. no.43.

Biochem. Journ. (London)

Hilditch, T.P. & Jones, E.E.
Seed fats of the Umbelliferae. Biochem. Journ. 22: 326-330. 1928. no.2.
I. Heracleum sphondylium and Angelica sylvestris.

Nanji, D.R. & Norman, A.G.
Studies of pectic. Part II. The estimation of the individual pectis substances in nature. Biochem. Journ. 22: 596-604. 1928. no.2.

O'Dwyer, M.H.
Preliminary investigations on the constitution of the hemicelluloses of timber. Biochem. Journ. 22: 381-390. 1928. no.2.

White, M.G. & Willaman, J.J.
Biochemistry of plant diseases. X-XI. Biochem. Journ. 22: 583-595. 1928. no.2.
X. Fermentation of pentoses by Fusarium lini. XI. Fusarium lini and the pyruvic acid theory of alcoholic fermentation.

Biochem. Zeitschr. (Berlin)

Jochmann, E.

Ein beitrag zur v. Fellenbergschen jodbestimmungsmethode. Biochem. Zeitschr. 194: 454-460. Mr. 1928. no.4/6.

Pfeiffer, G.

Ueber eine neue schnellbestimmung von organisch gebundenem jod. Biochem. Zeitschr. 195: 128-133. illus. Ap.1928. no.1/3.

Samec. M.

Studien über pflanzenkolloide XX. Verhalten der stärkesole im dunkelfeld. XXI. Ueber die verteilung von phosphor und stickstoff innerhalb des stärkekornes. Biochem. Zeitschr. 195: 40-71, 72-78. Ap.1928. no. 1/3.

Schmucker, T.

Ueber die narkose der CO_2 - assimilation und blasenzählethode. Biochem. Zeitschr. 195: 149-160. illus. Ap. 1928. no. 1/3.

Sumi, M.

Ueber die chemischen bestandteile der sporen von Aspergillus oryzae. Biochem. Zeitschr. 195: 161-174. illus. Ap.1928. no.1/3.

Wagner, J.

Die quantitative bestimmung von acetaldehyd nach verschiedenen methoden. Biochem. Zeitschr. 194: 441-452. Mr.1928. no.4/6.

Biol. Bull. (Woods Hole, Mass.)

Belling, J.

Nodes and chiasmas in the bivalents of Lilium with regard to segmental interchange. Biol. Bull. 54: 465-470. pl. Je.1928. no.6.

Biol. Zentralbl. (Leipzig)

Schwarz, W.

Das problem der mitogenetischen strahlen. Biol. Zentralbl. 48: 302-308. 1928. no.5.

Vorläufige mitteilung.

Blumen u. Pflanzenb. (Berlin)

Sprotte, K.

Empfehlenswerte kakteen für den erwerbsgärtner. Blumen u. Pflanzenb. 43: 68-70. illus. My.2,1928. no.5.

Bol. Patol. Veg.y Entom. Agr. (Madrid)

Alonso Rodríguez, J.
Notas prácticas sobre técnica microbiológica applicada a la fitopatología. Bol. Patol. Veg. y Entom. Agr. Madrid. 2: 125-147. illus. D. 1927 (Rec'd My.1928) no.8/9.

Benlloch, M.
La fitopatología y los jardines. Bol. Patol. Veg. y Entom. Agr. Madrid. 2: 121-125. illus. D.1927 (Rec'd My.1928) no.8/9.

Benlloch, M.
El "negrón" o marchitez temprana de los patatares (Alternaria solani [E.et M.] Sorauer) Bol. Patol. Veg.y Entom. Agr. Madrid. 2: 107-113. illus. D.1927 (Rec'd My.1928) no.8/9.

Cañizo, J.del.
Antonio Berlese. Bol. Patol. Veg. y Entom. Agr. Madrid. 2: 105-106. port. D.1927 (Rec'd My. 1928) no.8/9.

Cañizo, J.del.
Las heridas de poda y la caries de los árboles, Bol. Patol. Veg. y Entom. Agr. Madrid. 2: 152-154. D.1927 (Rec'd My.1928) no.8/9.

Sardiña, J.R.
La "sarna verrugosa" o "sarna negra" de la patata. Bol. Patol. Veg. y Entom. Agr. Madrid. 2: 148-151. illus. D.1927 (Rec'd My.1928) no.8/9.
Wart disease.

Bol. Soc. Colombiana Cienc. Nat. (Bogota)

Apolinar Maria, H.
Vocabulario de los términos vulgares usados en la república (cont.) Bol. Soc. Colombiana Cienc. Nat. 17: 26-32, 45-51. Mr.-Ap.1928. no.94-95.

Toro, R.A.
Adiciones y enmiendas a la nomenclatura vernácula y cientifica de la flora antioqueña I- Bol. Soc. Colombiana Cienc. Nat. 17: 38-44. Ap.1928. no.95.

Bot. Jahrb. Engl. (Leipzig)

Bornmüller, J.
Beiträge zur flora Mazedoniens III. Sammlungen in den riegsjahren 1916-18. Bot. Jahrb. Engler. 61(Beibl.140): 57-136. 7 Mr.1928. no.5.

Kühn, G.
Beiträge zur kenntnis der intraseminalen leitbundel bei den angiospermen. Bot. Jahrb. Engler. 61: 325-379. pl. xii-xvii. Mr.1928. no.5.

Bot. Not. (Lund, Sweden)

Aellen, P.
Neue adventive Chenopodien aus Schweden. Bot. Not. 1928: 203-210. no.3.

Arnell, H.W.
Svenska växtnamn. Bot. Not. 1928: 172-178. no.3.

Arwidsson, Th.
Hieraciologiska bidrag. Bot. Not. 1928: 192-202. illus. no.3.

Gertz, O.
Samuel Hesselius och Ectypa plantarum. Bot. Not. 1927: 229-231. no.3.

Hammarlund, C.
Puccinia chrysanthemi Rozo und ihre sporenformen. Bot. Not. 1928: 211-220. illus. no.3.

Malme, G.O.A.
Om frönas groning hos Geranium bohemicum L. Bot. Not. 1928: 221-226. no.3.

Svedelius, N.
Nyare asikter on fruktbladens natur hos angiospermerna. Bot. Not. 1928: 179-191. illus. no.3.

Bull. Agence Gén. Colon. France. (Paris)

Heim de Balsac, F., Deforge, A., Maheu, J. & Heim de Balsac, H.
Contribution à l'étude des écorces tannifères de Madagascar. IV. Ecorce de "sakoa" (Sclerocarya caffra Sond. - Anacard.) Bull. Agence Gén.Colon. France. 21: 12-16. pl. Ja.1928. no.229.

Bull. Agence. Gén. Colon. France. (cont.)
Heim de Balsac, F., Aribert, Dagand, G.S., Deforge, A., Heim de Balsac, H., Maheu, J. & Vidal, L.
Valeur papetière de l'ecorce de "cay-gio" (Rhamnoneuron balansae [Drake] Gilg) du Tonkin. Bull. Agence Gén. Colonies France. 21: 17-36. 2 plates. Ja.1928. no.229.

Bull. Dept. Agr. Gold Coast (Accra)
Bunting, R.H.
Fungi affecting graminaceous plants of the Gold Coast. Bull. Dept. Agr. Gold Coast. 10. 51 p. 11 pl. (part col.) 1928.

Bull. Mus. Hist. Nat. Paris.
Benoist, R.
Acanthacées nouvelles de Madagascar. Bull. Mus. Hist. Nat. Paris. 33: 529-533. 1927 (Rec'd My.1928) no.6.
New species of Hypoestes.

Benoist, R.
Descriptions d'espèces nouvelles d'acanthacées de Madagascar. Bull. Mus. Hist. Nat. Paris. 33: 389-393. 1927 (Rec'd My.1928) no.5.
New species of Hypoestes.

Biers, P.
Pourquoi le nom de Riella Mont. a-t-il été substitute à celui de Duriaea Bory et Mont., dans un genre nouveau d'hépatiques. Bull. Mus. Hist. Nat. Paris. 33: 394-397. 1927 (Rec'd My.1928) no.5.

Bois, D.
Floraisons observées dans les serres du Muséum pendant l'anné 1927 (cont.) Bull. Mus. Hist. Nat. Paris. 33: 540-542. 1927. (Rec'd My.1928) no.6.

Camus, A.
Notes sur la flore de France. Bull. Mus. Hist. Nat. Paris. 33: 534-539. 1927 (Rec'd My.1928) no.6.
I. Descriptions de quelques orchidées hybrides.

Constantin, J.
Peut-on employer le mot "acclimatation" à propos du Pleurotus dell'Eryngium campestre? Bull. Mus. Hist. Nat. Paris. 33: 543-544. 1927 (Rec'd My.1928) no.6.

Bull.Mus. Hist. Nat. Paris. (Cont.)

Danguy, P.

Deux Cryptocarya nouveaux de Madagascar. Bull. Mus. Hist. Nat. Paris. 33: 523-524. 1927. (Rec'd My.1928) no.6.

C. perrieri, C.louvelii.

Pellegrin, F.

Plantae Letestuanae novae ou Plantes nouvelles récoltées par M. Le Testu de 1907 á 1919 dans le Mayombe congolais (XIV) Bull. Mus. Hist. Nat. Paris. 33: 525-528. 1927. no.6.

Inversodicraea Le testui, Croton tchibangensis, C. dibindi, C. loukandensis, spp.nov.

Bull. Sci. Pharm. (Paris)

Maurin, E.

Les rhamnacées à anthraquinones. Bull. Sci. Pharm. 35: 236-238. Ap.1928. no.4.

Bull. U.S. Golf Assoc. Green Sect. (Wash.,D.C.)

Porter, A.B.

Brown-patch experiments and notations made at Kittansett Club, Marion, Mass., during season of 1927. Bull. U.S. Golf Assoc. Green Sect. 8: 105-107. My. 1928. no.5.

Calif. Cult. (Los Angeles)

De Ong, E.R.

The selection of petroleum oils suitable for use on plants. Calif. Cult. 70: 597, 612-613. My.26, 1928, no.21.

Centralbl. Bakt. Abt.II (Jena)

Grüss, J.

Phylloseptie, die blattfäulnis der Nymphaea alba. Centralbl. Bakt. Abt.II, 74: 214-229. illus. Ap.28, 1928. no.8/14.

Coccus phillosepticus, C. zymophyllosepticus.

Citrus News.

Barger, W.R.

Washing oranges in soda solution arrests decay. Citrus News. 4(5): 3-4. My. 1928.

Cock, S.A.

Take precautions against brown rot. Citrus News. 4(5): 15-17. My.1928.

Il Coltivatore (Cassone)

Fracanzani, G.A.

Il manganese in agricoltura. Il Coltiv. 75: 432-438. illus. My.20, 1928. no.14.

Compt. Rend. Acad. Sci. Paris.

Dangeard, P.

Sur les conditions du dégagement de l'iode libre chez les laminaires. Compt. Rend. Acad. Sci. Paris. 185: 1371-1373. My.14, 1928. no.20.

Gard, M.

Pourridié du noyer cultivé (Juglans regia L.) et carbonate de chaux. Compt. Rend. Acad. Sci. Paris. 186: 1373-1375. My.14, 1928. no.20.

Sartory, A., Sartory, R. & Meyer, J.

Contribution à l'étude des caractères morphologiques et biologiques de Mucor spinosus Van Tieghem (Zygorhynchus spinosus) cultivé sur des milieux se rapprochant de l'habitat où il à été isolé Compt. Rend. Acad. Sci. Paris. 186: 1369-1371. My.14, 1928. no.20.

Werner, R.G.

Etude de la famille des gyrophoracées. Compt. Rend. Acad. Sci. Paris. 186: 1367-1368. My.14, 1928. no.20.

Country Life (London)

Bean, W.J.

Some of the best Deutzias. Country Life. 63(Suppl.): lxxxii, lxxxiv. illus. My.19,1928. no. 1635.

Div. Chem. Ser.Dept.Agr. So.Africa.

Van Zijl, J.P.

Variation of phosphoric oxide content of South African vegetation. Div. Chem. Ser. Dept. Agr. South Africa. 88. 11 p. 1928.

Reprinted from Journ. South Afr.Chem.Inst. v.11, no.1. Ja.1928.

Ernähr. Pflanz. (Berlin)

Blattny, C.

Beitrag zur frage der düngung des hopfens als mittel gegen die hopfenperonospora (Pseudoperonospora humuli). Ernähr. Pflanz. 24: 140-142. illus. My.1, 1928. no. 9.

Explor. & Field-work Smithson. Inst.

Bartlett, H.H.
A botanical trip to Formosa. Explor. & Field-work Smithson. Inst. 1927: 85-92. illus. 1928. no.2957

Bartlett, H.H.
The fast-disappearing flora of Sumatra. Explor. & Field-work, Smithson. Inst. 1927: 93-100. illus. 1928. no.2957.

Hitchcock, A.S.
The grasses of Oregon and Washington. Explor. & Field-work Smithson. Inst. 1927: 101-104. illus. 1928. no.2957.

Killip, E.P.
Botanical exploration in eastern Colombia. Explor. & Field-work Smithson. Inst. 1927: 73-80. illus. 1928. no.2957.

Rose, J.N.
A search for rubber in Texas. Explor. & Field-work Smithson. Inst. 1927: 81-84. illus. 1928. no. 2957.

Swallen, J.R.
The grasses of California. Explor. & Field-work Smithson. Inst. 1927: 105-108. illus. 1928. no.2957.

Facts about sugar (N.Y.)

Follett-Smith, R.R.
Soil pH and cane metabolism. Experiments demonstrate the far reaching effect of unsuitable soil reaction on the health and growth of sugar cane Facts about Sugar. 23: 497-499. My.26, 1928. no.21.

Florida Grow(Tampa)

Stallings, J.H.
Result of some seed potato treatments. Test shows effect on germination and yield. Florida Grow. 36: 30-31. Je.1928.

Flor. Rev. (Chicago)

Chadwick, L.C.
Rooting media for cuttings. Results of experiments at Cornell. Flor. Rev. 62: 39-40. illus. My.31, 1928.
Address on "Effect of different media on the rooting of evergreen and deciduous cuttings." given at convention N.Y. State Nurserym. Assoc.
Use of granulated peat moss.

Flor.Rev. (cont.)
Poos, F.W.
Bulb sterilizers used in Virginia. Flor. Rev. 62(1591): 29-30. illus. My.24, 1928.
For control of celworm on narcissus.

Flugblatt. Biol. Reichsanst. Land- u. Forstw. (Berlin)
Stapp, C.
Der wurzelkropf oder bakterienkrebs der obstbäume und seine bekämpfung. Flugbl. Biol. Reichsanst. Land- u. Forstw. 78. [4] p. illus. F.1928.

Fruit Grow., Fruiterer, Flor. & Mark. Gard.
Salmon, E.
Downy mildew of hops. Fruit Grow., Fruiterer, Flor. & Mark. Gard. 65: 708. My.3, 1928. no.1690.
Abstract of lecture before Canterbury Farmer's Club.

Gard. Chron. (London)
Brown, N.E.
Mesembryanthemum. (cont.) Dactylopsis. Gard. Chron. III, 83: 338-340. illus. My.12,1928. no.2169.

Darnell, A.W.
The genus Primula (cont.) Gard.Chron.III, 83: 333. My.12, 1928. no.2159.

Friend, H.
Ideal gardens and plant lore (cont.) A bead and rosary bosket. Gard.Chron III, 83: 336. My.12, 1928. no.2159.

Grove, A.
The genus Primula. (cont.) Gard. Chron. III, 83: 354-355. My.19, 1928. no.2160.

Mr. H.N. Ridley, C.M.G., F.R.S. Gard. Chron. III, 83: 330. My.12, 1928. no.2159.

Genetics. (Menasha, Wisc.)
Chao, L.F.
The disturbing effect of the glutinous gene in rice on a Mendelian ratio. Genetics: 13: 191-225. illus. My.1928. no.3.

Genetics. (cont.)
Christoff, M.
Cytological studies in the genus Nicotiana. Genetics. 13: 233-277. illus. My.1928. no.3.

Grande Rev. Agr. (Paris)
Guyot, A.L.
Comment lutter contre la cloque du pêcher (Taphrina deformans). Grande Rev. Agr. 1928: 767-770. illus. My.1928. no.7.

Helvetica Chim. Acta (Basel)
Karrer, P. & Salomon, H.
Ueber die safranfarbstoffe II. (VI. Mitteilung ueber pflanzenfarbstoffe). Helvetica Chim. Acta. 11: 513-525. 1928. no.3.

Hilgardia. (Berkeley,Cal.)
Bahgat, M.
The action of Phomopsis californica in producing a stem-end decay of citrus fruits. Hilgardia. 3: 153-181. illus. Ap.1928 (Rec'd My.) no.6.

Hoppe-Seyl. Zeitschr. Phys. Chem. (Berlin)
Fodor, A. & Cohn, R.
Ueber die wirkung verschiedener aminosäuren auf hefepeptidase. Hoppe-Seyl. Zeitschr. Phys. Chem. 176: 17-28. My.1928. no.1/2.

Hort. Illus. (Boston)
Wilson, E.H.
A new Chinese rhododendron. Hort. Illus. 6: 271. illus. Je.1, 1928. no.11.
Rhododendron fargesii.

Illus. Landw. Zeit. (Berlin)
Pape, H.
Ueber die blattfleckenkrankheit der rüben. (Cercospora beticola Sacc.) Illustr. Landw. Zeit. 48: 259-261. illus. My.18,1928. no.20.

Indische Culturen (Soerabaja)
Wellensiek, S.J.
De zwarte graanroest. Indische Culturen. 13: 404-405. Ap.16,1928. no.8.

Industr. & Engin. Chem. (Easton,Pa.)

Denny, F.E.

Chemical treatments for controlling the growth of buds of plants. Indust. & Engin. Chem. 20: 578-581. illus. Je.1928. no.6.

Izv. Opytn. Delu Severn. Kavkaza (Journ.Agr.Res. North Caucasus) (Rostov-i-Dor.)

Amelin, I.

... Weeds of the Stavapol fields. Izv. Opytn. Delu Severn. Kavkaza (Jour.Agr.Res. North Caucasus) 10: 172-199. 1927 (Rec'd My.1928)

Russian with English summary (p.618-620)

Tropova, A.T.

... Fungus diseases of new cultures. Izv. Opytn. Delu Severn. Kavkaza (Journ.Agr.Res. North Caucausus). 10: 112-430. illus. 1927.

Russian.

Diseases of Ricinus communis, Hibiscus cannabinus, Gossypium hirsutum, Abutilon avicennae, Carthamus tinctorium.

Izv. Tomsk. Otdel. Russk. Bot. Obshch. (Mitt. Tomsk. Abt. Russ. Bot. Ges.)

Aleksandrov, V.G. & Zchakaja, K.E.

... Ueber den zustand der plastiden bei verschiedenen klimatischen bedingungen. Izv. Tomsk. Otdel. Russk. Bot. Obshch. (Mitt. Tomsk. Abt.Russ. Bot. Ges.) 2: 55-71. illus. 1927. (Rec'd My.1928) no.1/2.

Russian with German summary.

Experiments with maize and sunflower.

Krylov, P.

... Zur frage der phyto-geographischen terminology. Izv. Tomsk. Otdel. Russk. Bot. Obshch. (Mitt. Tomsk. Abt.Russ.Bot.Ges.) 2: 1-9. 1927. (Rec'd My.1928)

Russian with German summary.

Lavrov, N.N.

... Beitrage zur schleimpilz-flora Sibiriens I. Izv.Tomsk. Otdel. Russk. Bot. Obshch. (Mitt. Tomsk. Abt.Russ. Bot.Ges.) 2: 10-21. 1927 (Rec'd My.1928)

Russian with German summary.

I. Schleimpilze der umgebung von Tomsk.

Izv. Tomsk. Otdel. Russk. Bot. Obshch. (Mitt.Tomsk. Abt.Russ. Bot. Ges.) (cont.)

Nikitina, E.V.
... Materialien zur kenntnis der torfmoore Westsibiriens. Izv. Tomsk. Otdel. Russk. Bot. Obshch. (Mitt. Tomsk. Abt.Russ.Bot.Ges.) 2: 72-76. 1927(Rec'd My.1928) no.1/2.
Russian with German summary.

Reverdatto, V. V.
... Ueber einige neue begriffe in der phytosoziologie. Izv. Tomsk. Otdel. Tussk. Bot. Obshch. (Mitt. Tomsk. Abt.Russ.Bot. Ges.) 2. 22-29. 1927 (Rec'd My.1928)
Russian with German summary

Vandakurova, E.V.
... Ein versuch wisenriedgräser nach den vegetativen organen zu bestimmen. Izv. Tomsk. Otdel. Russk. Bot. Obshch. (Mitt. Tomsk. Abt. Russ. Bot. Ges.) 2: 30-54. illus. 1927 (Rec'd My.1928)
Russian with Russian summary.

Jahrb. Wiss. Bot. (Leipzig)

Jaeger, M.
Untersuchungen über die frage des wachstums und der entholzung verholzter zellen. Jahrb. Wiss. Bot. 68: 345-381. illus. Ap.1928. no.3.
Experiments with Linum usitatissimum & Cannabis sativa.

Kuhn, E.
Zur zytologie von Thalictrum. Jahrb. Wiss. Bot. 68: 382-430. illus. pl.12. Ap.1928. no. 3.

Warner, T.
Ueber den einfluss der geotropischen reizung auf den zucker- und säuregehalt von sprossen. Jahrb. Wiss. Bot. 68: 431-497. Ap.1928. no.3.
Experiments with Helianthus annuus, Silphium perfoliatum, Dahlia variabilis and the potato.

Journ. Agr. Prat. (Paris)

Burban, E.
Les herbicides. Journ. Agr. Prat. n.s., 49: 392-395. My.19, 1928. no.20.

Journ. Agr. Res.

Gallup, W.D.
A chemical study of the development of cotton bolls and the rate of formation of gossypol in the cotton seed. Journ. Agr. Res. 36: 371-480. Mr.1, 1928. (Je.2) no.5.

Hayes, H.K., Griffee, F., Stevenson, F.J., & Lunden, A.O.
Correlated studies in oats of the inheritance of reaction to stem rust and smuts and of other differential characters. Journ. Agr. Res. 36: 437-457. Mr.1, 1928 (Je.2) no.5.

Hedges, F.
Bacterial halo spot of kudzu caused by Bacterium puerariae Hedges. Journ. Agr. Res. 36: 419-428. 2 pl. Mr.1, 1928 (Je.2) no.5.

Journ. Bot. (London)

Brown, N.E.
Mesembryanthemum and allied genera (cont.) Journ. Bot. 66: 138-145. My.1928. no.785.
Dicrocaulon, gen.nov.

Drabble, E.
Notes on the British pansies (cont.) Viola nana. Journ. Bot. 66: 129-132. My.1928. no.785.

The "Conservatoire Botanique" of Geneva. Journ. Bot. 66: 146-149. My.1928. no.785.
Summary of an account by J. Briquet.

Exell, A. W.
Mr. John Gossweiler's plants from Angola and Portuguese Congo. Dicotyledones: Polypetalae. (cont.) Journ. Bot. 66(Suppl.): 113-120. My.1928. no.785.

Gates, R. R.
Oenothera agari and Oe.eriensis. Journ. Bot. 66: 133-136. pl.584-585. My. 1928. no.785.
Summary of his paper in Canad. Field-Nat. 41: 23-27. illus. F.1927.

Gepp, A.
Caro Benigno Massalongo. Journ. Bot. 66: 150. My.1928. no.785.

Grove, W.B.
An instructive pyrenomycete (Henriquesia). Journ. Bot. 66: 136-138. illus. My.1928. no.785.
H. quercina.

Journ. Bot. (cont.)

John Marcus Hulth. Journ. Bot. 66: 149-150. My.1928. no. 785.
Died March 12, 1928.

Salmon, C.E.
Euphorbia ligulata Chaubard. Journ. Bot. 66: 145-146. My.1928. no.785.

Journ. Dept. Agr. Kyushu Imp. Univ. (Kukuoka, Japan)

Kojima, H.
On the relation between cell-division and elongation in the root of Vicic faba. Journ. Dept. Agr. Kyushu Imp. Univ. 2: 75-91. Ap.1928. no.2.

Journ. Dept. Agr. West. Austral. (Perth)

Baron-Hay, G.K.
The Tangier pea. Journ. Dept. Agr. West. Australia. II, 5: 96-101. illus. Mr.1928. no.1.
Lathyrus tingitanus.

Carne, W.M.
Burr-knot and stem-tumour of apple and quince trees. Journ. Dept. Agr. West. Australia. II, 5: 123-126. illus. Mr.1928. no.1.

Carne, W.M. & Gardner, C.A.
Crab grass (Digitaria marginata, Link.) Journ. Dept. Agr. West. Australia. II, 5: 12-14. illus. Mr.1928. no. 1.

Carne, W.M. & Gardner, C.A.
Cotton bush (Asclepias fruticosa, Linn.) Journ. Dept. Agr. West. Australia. II, 5: 131. illus. Mr.1928. no. 1.

Carne, W.M.
Spotted wilt of tomatoes. Journ. Dept. Agr. West. Australia. II, 5: 58. Mr.1928. no. 1.

Sutton, G.L.
The origin of "Nabawa" wheat. Journ. Dept. Agr. West. Australia. II, 5: 64-65. Mr.1928. no.1.

Journ. Genetics. (London)

Buxton, B.H. & Newton, W.C.F.
Hybrids of Digitalis ambigua and Digitalis purpurea, their fertility and cytology. Journ. Genetics. 19: 269-279. illus., pl.xix-xx (1 col.) My.1928. no.3.

Journ. Genetics (cont.)

Chittenden, R.J.
Note on an abnormal Antirrhinum. Journ. Genetics. 19: 281-283. illus. My.1928. no.3.

Chittenden, R.J.
Notes on species crosses in Primula, Godetia, Nemophila and Phacelia. Journ. Genetics. 19: 285-314. illus., pl.xxi. My 1928. no.3.

Erith, A.G.
Some hybrids of varieties of white clover (Trifolium repens L.) Journ. Genetics. 19: 351-355. My.1928. no.3.

Jenkin, T.J.
Inheritance in Lolium perenne L. I-II. Journ. Genetics. 19: 391-417. My.1928. no.3
I. Seedling characters, lethal and yellow-tipped albino. II. A second pair of lethal factors.

Massey, K.
The development of the leaves in certain periclinally variegated plants. Journ. Genetics. 19: 357-372. illus. My. 1928. no. 3.

Peat, J.E.
Genetic studies in Ricinus communis L. Journ. Genetics. 19: 373-399. pl. xxiv. My.1928. no.3.

Journ. Hered. (Washington)

Cook, O.F.
Beginnings of rubber culture. Special characters of the Hevea tree determine method of tapping. Journ. Hered. 19: 204-215. illus. My.1928. no.5.

Fairchild, D.
Dr. Ridley of Singapore and the beginnings of the rubber industry. Journ. Hered. 19: 193-203. illus.,port. My.1928. no.5.

The honey locust contest. Journ. Hered. 19:216-224. illus. My.1928. no.5.

Peebles, R.H. & Kearney, T.H.
Mendelian inheritance of leaf shape in cotton. Journ. Hered. 19: 235-238. illus. My.1928. no.5.

Journ. Malayan Br. Roy. Asiatic Soc.
Foxworthy, F.W.
The size of trees in the Malay Peninsula.
Journ.Malayan Br. Roy.Asiatic Soc. 4: 382-384.
D.1926. no.3 (Rec'd Je.1928)

Journ. Roy. Agr. Soc. Engl. (London)
Biffen, R.H.
Annual report for 1927 of the botanist.
Journ. Roy. Agr. Soc. Engl. 38: 313-320. 1927.
(Rec'd Je.1928)

Journ. Sci. Agr. Soc. Japan (Tokyo)
Asami, Y.
Pollen abortion in the Shanghai peach. Journ.
Sci. Agr. Soc. Japan. 297: 364-372. 5 pl. Ag.
1927 (Rec'd Ap.1928)

Kakizaki, Y.
An instance of radish-cabbage hybrids. Journ.
Sci. Agr. Soc. Japan. 298: 438-446. 2 pl. S.
1927 (Rec'd Ap.1928)

Kongô, M. & Okamura, T.
Vergleichende untersuchungen der physikalischen
eigenschaften des enthülsten (genmai) und des bespelzten
reiskornes (momomai) I- Journ. Sci. Agr. Soc. Japan.
297: 241-263. Ag.1927 (Rec'd Ap.1928)
I. Vergleich der hygorskopizität des enthülsten,
des bespelzten reiskornes und der spelze.
Text in Japanese; German summary: p.362-363.

Nakajima, Y.
Die beziehung der wasserpflanzen zum eisen
(Vorlaufige mitteilung) Journ. Sci.Agr. Soc. Japan.
296: 316-324. Jl.1927 (Rec'd Ap.1928)
Text in Japanese; German summary: p.324.

Nakata, K.
Concerning the vitality and pathogenicity of
Bacterium solanacearum Smith, a cause of tobacco wilt.
Journ. Sci. Agr. Soc. Japan. 296: 283-304. Jl.
1927 (Rec'd Ap.1928)
Text in Japanese; English summary: p.303-304.

Nakata, K.
Principles for controlling tobacco wilt. Journ.
Sci.Agr.Soc. Japan. 298: 389-411. S.1927 (Rec'd
Ap.1928)
Text in Japanese; English summary: p.410-411.

Journ. Sci. Agr. Soc. Japan. (cont.)

Noguchi, &. & Hamada, S.
Die befruchtungsfähigkeit der reispflanzen.
Journ. Sci.Agr. Soc.Japan. 300: 515-524. N.1927. (Rec'd Ap.1928)
Text in Japanese; German summary: p.524.

Noguchi, Y.
Photoperiodism in relation to rice breeding.
Journ. Sci. Agr. Soc. Japan. 299: 487-500. pl. O.1927 (Rec'd Ap.1928)
Text in Japanese; English summary: p.499-500.

Noguchi, Y.
[Ueber den einfluss der aussenbedingungen auf das blütenöffnen der reispflanze. V. Trockenheit]
Journ. Sci. Agr. Soc. Japan. 301: 568-573. 1927.
Japanese.
German summary in Japan. Journ.Bot. 4: (20). 1928.

Suminoe, K.
[Ueber die ursache der entstehung der wurstförmigen zellen in der kahmhaut und die spaltungsartige keimung bei den Saccharomycesarten]. Journ. Sci. Agr.Soc. Japan. 296: 305-310. Jl.1927 (Rec'd Ap.1928)
German summary in Japan.Journ.Bot. 4: (26)-(27) 1928.

Journ. Soc. Agr. & For. Sapporo, Japan.

Togashi, K. & Tsukamoto, E.
On the three species of Fusarium which cause the wilt-disease of pea (Preliminary report II) Journ. Soc. Agr.& For. Sapporo, Japan. 19: 409-419. Mr.1928. no. 87.
Japanese.

Journ. Washington Acad. Sci.

Maxon, W.R.
A new tree fern from Haiti. Journ. Washington Acad. Sci. 18: 316-317. Je.4,1928. no.11.
Hemitelia minuscula.

Landw. Jahrb. Bayern (München)

Berkner, F.W.
Die entwicklung unserer kulturpflanzen in ihrer ökologischen bedingtheit unter besonderer berücksichtigung der sortenfrage. Landw. Jahrb. Bayern. 18: 128-143. 1928. no.3/4.

Magyar Bot.Lap. (Budapest)

Cholnoky, B.
Adnotationes criticae ad floram bacillariearum Hungariae III. Seltene diatomeen aus Ungarn. Magyar Bot. Lap. 26: 1-12. illus. 1928. no.1/12.

Cholnoky, B.E.von.
Ueber kern- und zellteilung des Diatoma vulgare Bory. Magyar Bot. Lap. 26: 69-94. illus., pl. 1928. no.1/12.

Degen, A.
Két új rózsa a Magas Tátrából (Zwei neue rosen aus der Hohen Tatra). Magyar Bot. Lap. 26: 13-15. 1928. no.1/12.
Rosa téryana, R. intercalaris subsp. R. fröhlichiana.

Gyelnik, V.
Lichenologiai közlemények 1-3 (Lichenologische mitteilungen 1-3) Magyar Bot. Lap. 26: 45-47. 1928. no.1/12.
1. Ein neuer fundort der Peltigera nigripunctata Bitt. 2. Einige flechtendaten aus der umgebung von Constantinopel. 3. Peltigera meridiana.

Hulják, J.
Florisztikai adatok a Bükk- as Mátra-hegyvidékének ismeretéhez (Beiträge zur kenntnis der flora des Bükk- und Mátra-gebirges). Magyar Bot. Lap. 26: 23-25. 1928. no.1/12.

Kümmerle, J.
Catalogus lycopodiacearum, psilotacearum et selaginellacearum (Vorläufige mitteilung). Magyar Bot. Lap. 26: 88-100. 1928. no.1/12.

Kümmerle, J.
Ueber eine merkwürdige gestaltung der Woodwardia radican. Magyar Bot. Lap. 26:60-62. 1928. no.1/12.

Maly, K.
Ueber das vorkommen einiger Dianthus-sippen in Bosnien-Hercegovina. Magyar Bot. Lap. 26: 63-65. 1928. no.1/12.

Margittai, A.
Az északkeleti felvidék Elatine-fajai. Magyar Bot.Lap. 26: 15-18. 1928. no.1/12.

Magyar Bot.Lap.(cont.)

Moesz, G.
Egy exotikus üszog elöfordulása Magyarországban (Ueber das vorkommen eines exotischen brandpilzes in Ungarn) Magyar Bot. Lap. 26: 47-49. illus. 1928. no.1/12.
Sphacelotheca austro-americana on Polygonum lapathifolium.

Pillich, F.
Adatok Tolnavármegye flórájához (Beiträge zur flora des Komitates Tolna). Magyar Bot. Lap. 26: 94-97. 1928. no.1/12.

Polgár, S.
A Veronica peregrina L. Magyarországi elöfordulása (Öntös Donasziget tavaszi flórája) (Ueber das vorkommen von Veronica peregrina L. in Ungarn. (Frühlingsflora der Donauinsel Öntös). Magyar Bot. Lap. 26: 50-53. 1928. no.1/12.

Szatala, E.
Adatok Arbe szigetének zuzmóflórájához (Beiträge zur flechtenflora der Insel Arbe). Magyar Bot. Lap. 26: 27-45. 1928. no.1/12.

Szatala, E.
Lichenes Turciae asiaticae a Patre Prof. Stefano Selinka in insula Burgas Adassi (Antigonii) lecti. Magyar Bot.Lap. 26:18-22. 1928. no.1/12.
Caloplaca selinkae. Mecidea réthlyi, n.spp.

Urumov, Iv.K.
Plantae bulgaricae nonnullae novae ac rariores. Magyar Bot. Lap. 26: 100-103. 1928. no.1/12.

Wagner, J.
Hárstanulmányok III (Lindenstudien). Magyar Bot. Lap. 26: 54-60. illus. 1928. no.1/12.
German summary: p.58-60.

Wilczynski, J.
Ueber das vorkommen der Saussurea porcii Deg. im Czeremosz-quellgebiete. Magyar Bot. Lap. 26: 65-69. 1928. no.1/12.

Matières Grass. (Paris)

Gillot, P.
Recherches sur les graines de l'Euphorbia verrucosa" Jacq. Matières Grass. 20: 8166-8168. My.15, 1928. no.241.

Michigan Potato Grow. Exch.

Moore, H.C. & Wheeler, E.J.

Seed treatment experiments in Michigan. Corrosive sublimate gives best control of black scurf in 1927 tests. Michigan Potato Grow. Exch. 8(8): 2. My.20,1928.

Moniteur Jard. Bot. Tiflis

Busch, N.N.

Cruciferae Asiaticae novae. Moniteur Jard. Bot. Tiflis. n.s., 3/4: 1-14. illus. Jl.1927. (Rec'd My.1928)

Grossheim, A. A.

... Einige neue arten aus dem Kaukasus. Moniteur Jard. Bot. Tiflis. n.s., 3/4: 15-24. Jl. 1927 (Rec'd My.1928)

Russian.

Grossheim, A.

... Scillae of Caukasus. Moniteur Jard. Bot. Tiflis. n.s., 3/4: 179-201. Jl.1927.(Rec'd My.1928)

Russian with English summary and Latin diagnosis of new species (S.diziensis, S. armena, S.mischtschenkoana)

Kapeller, O.

... Chenopodium sosnowskyi, eine neue Chenopodium-art. Moniteur Jard. Bot. Tiflis. n.s.,3/4: 47-52. Jl.1927 (Rec'd My.1928)

Russian with Latin diagnosis and German summary.

Komularia-Natadze, L.

... Contributions towards the classification of the Caucasus species of the general Galatella Cass. and Linosyris Lob. Moniteur Jard. Bot. Tiflis. n.s.,3/4: 123-148. Jl.1927 (Rec'd My.1928)

Russian with English summary: (Genera Galatella and Linosyris are independent of each other and of the genus Aster to which they are usually refered) & Latin diagnosis of new species (G. sosnovskyana, L. fominii).

Maleev, V.P.

... A sketch of the vegetation of the lake Bebe-Syr (Abkhasia). Moniteur Jard. Bot. Tiflis. n.s. 3/4: 97-106. Jl.1927 (Rec'd My.1928)

Russian with English summary.

+Moniteur.Jard. Bot. Tiflis. (cont.)

Nagorny, P.I.
...Die kaukasischen arten der gattung Tilletia Tulasne. Moniteur Jard. Botl Tiflis. n.s., 3/4: 89-96. Jl.1927 (Rec'd My.1928)
Russian with German summary, Latin diagnosis of new species (T. paradoxa, T.poae)

Pakhunova, V.G.
... Lichens from the Mil-steppe (Azerbajdjan) Moniteur Jard. Bot. Tiflis. n.s., 3/4: 203-207. Jl.1927 (Rec'd My.1928)
Russian with English summary.

Pakhunova, V.G.
... A note concerning the epiphital lichens of Sukhum and its outskirts. Moniteur Jard. Bot. Tiflis. n.s., 3/4: 56-60. Jl.1927 (Rec'd My. 1928).
Russian with English summary.

Sosnovsky, D.
... Beiträge zur monographie der kaukasischen vetreter der gattung Anthemis. Moniteur Jard. Bot. Tiflis. n.s., 3/4: 149-178. Jl.1927 (Rec'd My.1928)
Russian with German summary & Latin diagnosis of new spec. (A. grossheimii).

Steinberg, E.I.
Erysimi generis species nova ex Transcaucasia. Moniteur Jard. Bot. Tiflis. n.s., 3/4: 13-14. illus. Jl.1927 (Rec'd My.1928)
E. lilacinum.

Sulakadze, T.
... Beiträge zur kenntnix der gattung Scabiosa L., sect. Sclerostemma Mert. et Koch. Moniteur Jard. Bot. Tiflis. n.s., 3/4: 61-82. fold.tab. Jl. 1927 (Rec'd My.1928)
Russian with German summary and Latin diagnosis (S.georgica, S.alexeenkoana, S.sosnowskyi, S. calcarea, S.imeretica, S.purpurea, n.spp.)

Tamamsheva, S.
... Ueber die rassen von Lathyrus aphaca L. Moniteur Jard. Bot. Tiflis. n.s., 3/4: 208-241. Jl.1927 (Rec'd My.1928)
Russian with German summary & Latin diagnosis. of new spec. (L. stipularis)

Moniteur Jard. Bot. Tiflis. (cont.)

Troitsky, N.
... Einige neue beiträge zur flora des zentralen Transkaukasiens. Moniteur Jard. Bot. Tiflis. n.s., 3/4: 83-88. Jl.1927 (Rec'd My.1928)
Russian with German summary.

Troitsky, N.
.... Ueberreste der wälder im district Achalkalaki. Moniteur Jard. Bot. Tiflis. n.s., 3/4: 107-122. illus. (map) Jl.1927 (Rec'd My.1928)
Russian with German summary.

Voronikhin, N.N.
... Beiträge zur süsswasseralgenflora des türkischen Lasistan. Moniteur Jard. Bot. Tiflis. n.s., 3/4: 53-56. Jl.1927 (Rec'd My.1928)
Russian.

Zahn, K.H.
Hieracia Caucasica nonnulla. Moniteur Jard. Bot. Tiflis. n.s., 3/4: 25-46. Jl.1927 (Rec'd My.1928)

Nat. Hist. (N.Y.)

Whitlock, H.P.
Symmetry in nature. Perfection of design as shown in the mineral, vegetable and animal world. Nat. Hist. 28: 161-168. illus. Mr./Ap.1928. no.2

Naturforsch. (Berlin)

Mattfeld, J.
Die pflanzengeographische kartierung Deutschlands. Naturforsch. 5: 57-62. My. 1928. no.2.

Naturw. u.Landw. (Freising, München)

Niklas, H. & Grandel, F.
Ueber die beziehungen zwischen pflanzen-und bodennitraten und deren zweckmässigste qualitative und quantitative bestimmung nach zumeist eigenen methoden. Naturwissehsch. u. Landw. 12. 128 p. illus., 16 pl 1927.
See also at end of list.

Naturwissenschaften. (Berlin)

Wettstein, F.V.
Wilhelm Ludwig Johannsen. (3. Februar 1857 bis 11. November 1927) Naturwissenschaften. 16: 350-352. My.18, 1928. no.20.

New Zeal. Journ.Agr. (Wellington)
Northcroft, E.F.
The blackberry pest. III. Control. (cont.) New Zeal. Journ.Agr. 36: 261-275. illus. Ap. 1928. no.4.

Phytopath. (Lancaster,Pa.)
Bonde, R.
The transmission of potato black-leg by the seedcorn maggot in Maine. Phytopath. 18: 459, My.1928 no.5

Goss, R.W.
Transmission of potato spindle-tuber by grasshoppers (Lucustidae) Phytopath. 18: 445-448. My.1928. no.5,

Holland, E.B. & Gilligan, G.M.
Classification of copper fungicides. Phytopath. 18: 455-458. My.1928. no.5.

McCulloch, L.
Bacterium maculicola (McC.) nom.emend.syn. Bacterium maculicolum. Phytopath. 18: 460. My. 1928. no.5.

McCulloch, L.
Bacterium stizolobii (Wolf) comb.nov.syn. Aplanobacter stizolobii. Phytopath. 18: 460. My.1928. no.5.

Plakidas, A.G.
Strawberry dwarf. Phytopath. 18: 439-444. illus. My.1928. no.5.
Probably a virus disease, spread by strawberry aphids.

Rosen, H.R.
A consideration of the pathogenicity of the cotton wilt fungus, Fusarium vasinfectum. Phytopath. 18: 419-438. illus. My.1928. no.5.

Smith, R.E. & Thomas, H.E.
Copper sulphate as a remedy for exanthema in prunes, apples, pears, and olives. Phytopath. 18: 449-454. illus. My.1928. no.5.

Wilson, E. E.
Studies of the ascigerous stage of Venturia inaequalis (CKE.) Wint. in relation to certain factors of the environment. Phytopath. 18: 375-418. pl.v.vi. My.1928. no.5.

Plant. & Sugar Manuf. (New Orleans)
Coates, C.E. & Salazar, L.G.
The ratios of ash constituents in different cane varieties. Plant. & Sugar Manuf. 80: 421-422. Je.2, 1928. no.22.

Proc. Imp. Acad. Tokyo.
Hemmi, T. & Seto, F.
Experiments relating to stimulative action by the sausal fungus of the "bakanae" disease of rice. Proc. Imp. Acad. Tokyo. 4: 181-185. illus. Ap. 1928. no.4.
Preliminary report.
Fusarium sp. (ascigerous stage Lisea fujikuroi)

Hemmi, T. & Matsuura, I.
Experiments relating to toxic action by the causal fungus of helminthosporiose of rice. Proc. Imp. Acad. Tokyo. 4: 185-187. Ap.1928. no.4.
Preliminary report.

Sinôto, Y.
On the chromosome number and the unequal pair of chromosomes in some dioecious plants. Proc. Imp. Acad. Tokyo. 4: 175-177. illus. Ap.1928. no.4.

Progr. Agr. & Vitic. (Montpellier)
Ravaz, L. & Verge, G.
L'excoriose (concl.) Progr. Agr. & Vitic. 89: 475-480. illus. My.13, 1928. no.20.

Rev. Eaux et For. (Paris)
Dufrenoy, J. & Dufrenoy, M.L.
Rouilles vésiculeuses des écorces des pins. Rev. Eaux et For. 66: 215-222. 4 pl. on 2. Ap. 1928. no.4.

Rev. Gén. Bot. (Paris)
Beauverie, J.
Quelques aspects de la dégénérescence des plastes, applications au parasitisme I- Observations sur le vivant (concl.) Rev. Gén. Bot. 40: 264-276. illus. My.1928. no.473.

Dop, P.
Contribution a l'étude des noyaux des cellules géantes haustorielles de l'albumen de Veronica persica Poirault. Rev. Gén. Bot. 40: 257-263. pl.21. My.1928. no.473.

Rev. Gén. Bot.(cont.)

Kourssanow, A.L.

De l'influence de l'Ustilago tritici sur les fonctions physiologiques du froment. Rev. Gén. Bot. 40: 277-302. My.1928. no.473.

Lubimenko, V.

Les pigments des plastes et leur transformation dans les tissus vivants de la plante (cont.) Rev. Gen. Bot. 40: 303-318. My.1928. no.473.

Rev. Hort. (Paris)

Meunissier, A.

Ceratostigma wilmottianum. Rev. Hort. 100: 120-121. col.pl. (p.120) My.16, 1928. no.5.

Rev. Univ. Universidad Mayor San Marcos,

Herrera, F.L.

Polypodiacearum cuzcorum catalogus. Rev. Universidad Mayor San Marcos 22(1): 253-268. 1928. no.1.

Schrift. Naturwissenschaftl. Ver. Schleswig-Holstein

Anderson, S., Petersen, K. & Christiansen, W.

Beiträge zur flora von Arö und Fehmarn, ein bisher ungedrucktes manuskript von Prof. Nolte aus dem jahre 1825 im lichte späterer untersuchungen. Schriften Naturwissenschaftl. Ver. Schleswig-Holstein. 18: 210-241. 1927.

Eschenburg,

Gemarkungsfloren von Holm und Plön. Schriften Naturwissenschaftl. Ver.Schleswig-Holstein. 18: 62-161. 1927. no.1.

Flora von Holm (Kr. Pinneberg) von Eschenburg: p.62-110.

Flora von Plön von Adolf Schulz.

Koppe, F.

Zur geographie der moorflora von Schleswig-Holstein. Schriften Naturwissenschaftl. Ver. Schleswig-Holstein. 18: 25-39. 1927. no.1.

Saxen, W. & Christiansen, W.

Zur verbreitung, soziologie und siedelungsgeschichte von Calamagrostis arundinacea Roth in Schleswig-Holstein. Schriften Naturwissenschaftl. Ver. Schleswig-Holstein. 18: 242-249. 1927. no.1.

Schweiz. Zeitschr. Obst- u. Weinb. (Wädenswit)
Osterwalder, A.
3 krankheiten und 1 bakterium. Schweiz. Zeitschr. Obst. u. Weinb. 37: 176-180, 190-191. illus. My.12,26, 1928. no.10, 11.
Crown gall on raspberry, fruit trees & grapes.

Science. (Lancaster,Pa.)
Cretcher, L.H. & Nelson, W.L.
A new type of acid carbohydrate from seaweed. Science. 67: 537-538. My.25,1928. no.1743.

Noland, L.E.
A combined fixative and stain for demonstrating flagella and cilia in temporary mounts. Science. 67: 535. My.25,1928. no.1743.

Rice, B.B.
An ineffectual attempt to demonstrate the vacuome of certain plant cells. Science. 67: 561-562. Je.1, 1928. no.1744.

Scient. Amer. (N.Y.)
MacDougal, D.T.
Can we grow our own rubber? Guayale, a native American rubber-producing shrub, is being cultivated on a large scale in California. Scient. Amer. 139: 16-19. illus. Jl.1928. no.1.

Sci. Bull. Dept. Agr. So. Africa.
Williams, C.O.
South African tanning materials (The black wattle) Sci. Bull. So.Africa Dept.Agr. 63. 68 p. 1928.
Acacia mollissima.

Seed World (Chicago)
Stoddard, W.B.
Tung - a valuable new seed. Seed World. 23(11): 22-23. illus. Je.1928.

South African Gard.(Johannesburg)
Bolus, L.
Mesembrianthemum and allied genera - Cephalophyllum, Haw. (cont.) So. Afr. Gard. 18: 155-156. illus. My.1928. no.5.

So. Afr. Journ. Nat. Hist.
Hahne, B.
Observations on the pith of Fatsia papyrifera. So Afr. Journ. Nat. Hist. 6: 192-203. 6 pl. Ap. 1928. no.8.

Terre Vaud.(Lausanne)
Faes, H.
La bouillie sulfocalcique et son efficacite' contre la maladie criblées des cerisiers. Terre Vaud. 20: 315-317. My.26, 1928. no.21.

Through the Leaves (Denver)
Maxson, A.C.
Leafspot - a review. Through the Leaves. 16: 271-273. illus. Je.1928. no.6.

Die.Umschau (Frankfurt)
Morstatt, H.
Ernteschäden durch pflanzenkrankheiten. Die Umschau. 32: 413-414. My.19, 1928. no.21.

Univ. Calif. Publ. Agr. Sci. (Berkeley)
Wexelsen, H.
Chromosome numbers and morphology in Trifolium. Univ. Calif. Publ. Agr. Sci. 2: 355-376. illus. My. 1928. no.13.

Vict. Nat. (Melbourne)
Williamson, H. B.
The lilies of Victoria. Vict. Nat. 45: 4-10. illus. My.1928. no.1.

Vie Agr.et Rur. (Paris)
Diffloth, P.
Nouvelles recherches sur le charbon du ble' et du seigle. Vie Agr. et Rur. 32: 325-327. illus. My.20, 1928. no.21.

Zeitxchr. Forst- u. Jagdw. (Berlin)
Hesmer, H.
Die waldgeschichte der nacheiszeit des nordwestdeutschen berglandes auf grund von pollenanalytischen mooruntersuchungen (cont.) Seitschr. Forst- u. Jagdw. 60: 299-313. My.1928. no.5.

Liese, J.
Holzschutz gegen pilze im walde. Zeitschr. Forst- u. Jagdw. 60: 287-296. My.1928. no.5.

Platzmann, Eb.
Zum tannensterben in der Eisel. Zeitschr. Forst- u. Jagdw. 60: 272-283. illus. My.1928. no.5.

Zeitschr. Parasitenk.

Böning, K.
Beiträge zum studium der infektionsvorgänge pflanzlicher viruskrankheiten I. Zeitschr. Parasitenk. I: 198-230. illus. Apr.1928. no.1.

Richter, H.
Die wichtigsten holzbewohnenden nectrien aus der gruppe der krebserreger. Zeitschr. Parasitenk. I: 24-75. illus. Ap.1928. no. 1.

Schmidt, E.W.
Untersuchungen über die Cercospora-blattfleckenkrankheit der zuckerrübe. Zeitschr. Parasitenk. 1: 100-137. illus. Ap.1928. no. 1.

Wollenweber, H.W.
Ueber fruchtformen der krebserregenden nectriaceen. Zeitschr. Parasitenk. 1: 138-173. illus. Ap.1928. no.1.
Conspectus analyticus Cylindrocarpon: p.167-172.

Zeitschr. Pflanzenkr. (Stuttgart)

Boedijn, K.B.
Das myzel von Parodiella spegazzinii Theiszen et Sydow. Zeitschr. Pflanzenkr. 38: 129-132. illus. My./Je.1928. no.5/6.

Gleisberg, W.
Zum reichspflanzenschutzgesetz. Zeitschr. Pflanzenkr. 38: 133-136. My./Je.1928. no.5/6.
Bemerkungen zum vorstehenden artikel ... von C.von Tubeuf: p.136-138.

Tubeuf, C.von.
Die mistel Viscum album auf dem ölbaume Olea europaea. Zeitschr. Pflanzenkr. 38: 139-140. My./Je.1928. no.5/6.

Zeitschr. Pilzk. (Leipzig)

Cool, C.
Fungi tridentini Zeitschr. Pilzk. 12(n.s., 7): 71-72. My.1928. no.5.

Cool, C.
Phänologische übersicht der niederländischen pilze im jahre 1926. Zeitschr. Pilzk. 12(n.s.7): 70-71. My.1928. no.5.

Zeitschr. Pilzk. (cont.)

Friese, W.
Pilzkunde und waldschutz. Zeitschr. Pilzk. 12(n.s.7): 65-69. My.1928. no.5.

Gierloff, K.
Seltene pilze in Thüringen 1926. Zeitschr. Pilzk. 12(n.s.7): 74-75. My.1928. no. 5.

Zuckerrübenbau (Hannover)

Hornburg, P.
Zur nematodendrage. Zuckerrübenb. 10: 81-87. My.1928. no.5.

Exper. Stat. Publ.

Crist, J.W.
Ultimate effect of hardening tomato plants. Mich. Agr. Exp. Stat. Techn. Bull.89. 22 p. illus. Ap.1928 (Rec'd Je.)

Newhall, A.G.
The relation of humidity and ventilation to the leaf mold disease of tomatoes. Ohio Agr. Exp. Stat. Bi-month. Bull. 13: 119-122. illus. My./Je.1928. no.3.

Peterson, W. & Tingey, D.C.
Weeds, losses, agencies in distribution, nature and control. Utah Agr. Exp. Stat. Circ.71. 52p. illus. My.1928.

State Publications.

Parks, T.H., Pierstorff, A.L. & Stover, W.G.
The control of garden insects and diseases. Ohio State Univ. Agr. Coll.Ext.Serv. Bull.76. 40 p. illus. Ap.1928.

New Books.

Briton-Jones, H.R.
Wilt diseases of coconut palms in Trinidad pt. I. Trinidad, 1928. (Suppl. Trop.Agriculture. May 1928.)
Bronze leaf wilt; yellow leaf or tapering stem wilt.

Buenos Aires. Jardin botánico.
El jardin botanico municipal de la ciudad de Buenos Aires por Carlos L. Thays... Buenos Aires, 1928.

Burtt Davy, J.
The collection and preparation of herbarium and timber specimens by J. Burtt Davy and L. Chalk. Oxford, Imperial forestry institute,1927.

New Books (cont.)

Conard, A.
Sur las structure et l'origine des noyaux polymorphes et fragmentés de la tige de "Tradescantia virginica" L. ainsi que sur leur division mitotique dans les tissus cicatriciels. 66 p. 10 pl. Bruxelles, 1928.

From Mémoires Acad. Roy. Belg. Classe des sciences, Coll. 8°.

Cox, E.H.M. & Taylor, G.C.
Primulas for garden and greenhouse. London, Dulau & co., 1928.

Harshberger, J.W.
The life and work of John W. Harshberger, Ph.D. An autobiography. Philadelphia, 1928.

Herter, W.
Estudios botánicos en la région Uruguaya. Montevideo, Asociación rural del Uruguay, 1927.

Omitted from regular order.

Naturw. u. Landw.

Ziegler, O.
Beiträge zum abbauprodlem der kartoffel: zur frage der ökologischen und wirtschaftlichen beziehungen zwischen der herkunft der pflanzkartoffeln und ihren verhalten an anderen anbauortem. Naturw. u. Landw. 13. 90 p. 1927.

BOTANY
CURRENT LITERATURE

ADDITIONS TO THE BOTANICAL CATALOGUE, BUREAU OF PLANT INDUSTRY,
COMPILED FROM PUBLICATIONS RECEIVED IN THE
LIBRARY OF THE UNITED STATES DEPARTMENT OF AGRICULTURE, WASHINGTON, D.C.

U. S. Department of Agriculture

V.10, no. 12. Je. 11-23, 1928.

Acta Phytochim. (Tokyo)

Hattori, S.
Beiträge zur spektrographie der verbindungen aus der flavonreihe. I-II. Acta Phytochim. 4: 41-61, 63-75. My 1928. no.1.
I. Spektrographische untersuchung über einige derivate des flavons, flavonols und styrylchromonols. II. Synthese zwei neuer flavonglykoside. Spektrographischeeinflüsse der zuckerbindung und der acylierung.

Ohtsuki, T.
Studien über das konjakmannan Acta Phytochim. 4: 1-39. My.1928. no.1.
Amorphophallus konjac.

Tamiya, H.
Studien über die stoffwechselphysiologie von Aspergillus oryzae II. Acta Phytochim. 4: 77-213. illus. My.1928. no.1..

Tamiya, H.
Ueber das cytochrom in schimmelpilzzellen (Vorlaufige mitteilung). Acta Phytochim. 4:215-218. My. 1928. no.1.
Aspergillus oryzae.

Agr. Bull. Bermuda (St.George's)

Ogilvie, L.
Plant pathological notes. Agr. Bull. Bermuda. 7(4): 5-6. 7(5): 3-4. Ap.-My.1928.
Title varies.

Agricultural History.

Galloway, B.T.
Plant pathology; a review of the development of the science in the United States. Agricultural History. 2: 49-60. Ap.1928. no.2.

Amer. Bee Journ. (Hamilton, Ill.)

Lovell, J.H.
Extrafloral nectaries. II. Amer. Bee Journ. 68: 239-241. illus. My.1928. no.5.

Amer. Fruit Grow. Mag. (Chicago)

Talbert, T.J.

Serious peach pests and their control. Amer. Fruit Grow. Mag. 48(6): 6-7, 14. illus. Je.1928.

Ann. di Bot. (Rome)

Cappelletti, C.

I tubercoli radicali delle leguminose considerati nei loro rapporti immunitari e morfologici. Ann. di Bot. 17: 211-297. Mr.1928. no.5.

Colla, S.

Prime ricerche sul comportamento tra i due antagonisti nei tentativi di un emiparassitismo sperimentale tra fanerogame. Ann. di Bot. 17: 308-331. pl.v-vi. Mr.1928. no.5.

Lanzoni, F.

Il parmigiano Luigi Gardoni e il suo erbario. Ann. di Bot. 17: 360-364. Mr.1928. no.5.

Lanzoni, F.

Sui pronubi delpiniani di "Arauja albens" Brot. Ann. di Bot. 17: 357-359. Mr.1928. no.5.

Pirovano, A.

Ibridi elettrogeniti di granturco. Ann. di Bot. 17: 347-356. col.pl. iii-iv. Mr.1928. no.5.

Pirovano, A.

Osservazioni fisio-genetiche sul mais. Ann. di Bot. 17: 298-307. illus. Mr.1928. no.5.

Pirovano, A.

Ulteriori risultanze su ibridi di zucca elettrogeniti. Ann. di Bot. 17: 332-346. illus. Mr. 1928. no.5.

Ann. Missouri Bot. Gard. (St.Louis)

Eltinge, E.T.

The effect of ultra-violet radiation upon higher plants. Ann. Missouri Bot. Gard. 15: 169-240. pl.21-33. Ap.1928. no.2.

Ann. Missouri Bot. Gard. (cont.)

Gainey, P.L.

Sources of energy for Azotobacter, with special reference to fatty acids. Ann. Missouri Bot. Gard. 15: 113-168. Ap.1928. no.2.

Ann. Sci. Agron. (Paris)

Bertrand, G. & Perietzeanu, D.J.

Sur la présence du sodium chez les plantes. Ann. Sci. Agron. 45: 77-81. Mr./Ap.1928. no.2.

Bertrand, G. & Rosenblatt, Mme.M.

Sur la présence générale du sodium chez les plantes. Ann. Sci. Agron. 45: 82-85. Mr./Ap. 1928. no.2.

Bertrand, G. & Perietzeanu, D.J.

Sur les proportions relatives de potassium et de sodium chez les plantes. Ann. Sci. Agron. 45: 86-88. Mr./Ap. 1928. no.2.

Beih. Bot. Centralbl. Abt.II. (Dresden)

Steffen, H.

Beiträge zur flora und pflanzengeographie von Nowaja Semlja, Waigatsch und Kolgujew. Beih. Bot. Centralbl. Abt. II. 44: 283-361. illus. Ap. 1928. no.3.

Biochem. Zeitschr. (Berlin)

Gračanin, M.

Orthophosphorsäure als stimulator der keimungsenergie und aktivator der keimfähigkeit der samen. Biochem. Zeitschr. 195: 457-468. My.1928. no.4/6.

Zaleski, W. & Mordkin, W.

Beiträge zur biochemie und physiologie der phosphorverbindungen in der pflanze. I- Biochem.Zeitschr. 195: 415-420. My.1928. no.4/6.

I. Ueber die exosmose der phosphorverbindungen aus der pflanze.

Bol. Mus. Nac. Rio de Janeiro.

Sampaio, A.J.de.

Ignatius Urban. Bol. Mus. Nac. Rio de Janeiro. 4: 31-68. port. 1928. no.1.

Obras e dissertações botanicas: p 46-68.

Sampaio, A.J.de.

Phytogeographia genetica. Bol. Mus. Nac. Rio de Janeiro. 4: 77-89. 1928. no.1.

Bot. Arch. (Konigsberg)

Luehr, W.
Ein beitrag zur kenntnis der vorgange in sich differenzierenden und streckenden pflanzenzellen. Bot. Arch. 21: 116-216. illus. My.1928. no.1.

Tamm, E.
Ueber den einfluss der durch den boden geleiteten elektrischen energie auf keimfähigkeit, triebkraft und jugendwachstum von Pisum sativum. Bot. Arch. 21: 9-115. My.1928. no.1.
Ein beitrag zur frage der elektro-kultur.

Ziegenspeck, H.
Ueber das ergusswachstum des kutins bei Aloearten. Bot.Arch. 21: 1-8. illus. My.1928. no.1.
English abstract: p.8.
Vorläufige mitteilung.

Bot. Mag. Tokyo.

Emoto, Y.
Die myxomyceten gesammelt 1924-1927 in dem botanischen garten zu Tokyo. Bot.Mag.Tokyo. 42: 196-203. illus. Ap.1928. no.496.

Hagiwara, T.
Genetico-physiological studies on the formation of pigments in several organs of Japanese morning glory (Preliminary report). Bot.Mag. Tokyo. 42: 137-154. Mr.1928. no.495.
In Japanese.

Hayata, B.
On a new species of Brainea from Formosa. Bot.Mag. Tokyo. 42: 236-237. illus. Ap.1928. no.496.
In Japanese, Latin diagnosis.
Brainea formosana, sp.nov.

Hayata, B.
On some of the most remarkable species of the Japanese Hepaticae. Bot. Mag. Tokyo. 42: 181-190. Mr.1928. no.495.
In Japanese.

Honda, M.
Revision graminum Japoniae XV. Bot. Mag. Tokyo. 42: 129-137. Mr.1928. no.495.

Bot. Mag. Tokyo. (cont.)

Kihara, H. & Nishiyama, I.
New aspects of chromosome behavior in pollen mother-cells of tri-, tetra- and pentaploid wheat hybrids. Bot. Mag. Tokyo. 42: 221-231. illus. Ap.1928. no.496.
Japanese with English summary: p.230.

Kihara, H.
On the chromosomes of Humulus japonicus. Bot. Mag. Tokyo. 42: 237-233. illus. Ap.1928. no.496.
In Japanese.

Kuwada, Y.
An occurrence of restitution-nuclei in the formation of the embryosacs in Balanophora japonica, Mak. Bot. Mag. Tokyo. 42: 117-129. illus., pl. Mr. 1928. no.495.

Maeda, T.
The spiral structure of chromosomes in the sweet-pea (Lathyrus odoratus, L.) Bot. Mag. Tokyo. 42: 191-195. pl.iv. Ap.1928. no.496

Nakai, T.
Notes on Japanese ferns VII.(Plagiogyriaceae, Cheiropleuriaceae, & Polypodiaceae I) Bot. Mag. Tokyo. 42: 203-218. illus. Ap.1928. no.496.

Nakai, T.
The types of Blechnum & Lomaria. Bot.Mag. Tokyo. 42: 231-232. Ap.1928. no.496.
In Japanese.

Nishiyama, I.
On hybrids between Triticum spelta and two dwarf wheat plants with 40 somatic chromosomes. Bot. Mag. Tokyo. 42: 154-177. illus. Mr.1928. no.495.
Text in Japanese; English summary:p.175-177.

Okada, Y
On the root pressure of Cornus controversa observed at Sendai. Bot.Mag.Tokyo. 42: 218-221. Ap.1928. no.496.
In Japanese.

Bot.Mag. Tokyo.(cont.)

Sasaki, S.
Discovery of gametophyte of Archangiopteris somai Hay. Bot. Mag. Tokyo. 42: 233-236. illus. Ap.1928. no. 496.
In Japanese.

Bryologist. (Pittsburg)

Grout, A.J.
Camptothecium B. & S. Bryologist. 31: 41-47. My.1928. no.3.

Grout, A.J.
Classification of the Musci. Bryologist. 31: 56-61. My. 1928. no.3.

O'Hanlon, Sister M.E.
Notes on Reboulia hemisphaerica. Bryologist. 31: 47-50. pl. iv. My.1928. no.3.

Pickett, F.L. & Jones, G.N.
Check-list of the mosses known to occur in southeastern Washington and adjacent Idaho. Bryologist. 31: 54-56. My.1928. no.3.

Williams, R.S.
Orthotrichum macfaddenae, n.sp. Bryologist. 31: 52. pl.v. My.1928. no.3.

Bull. Agr. Chem.Soc. Japan.

Takahashi, T. & Asai, T.
Studies on the acids formed by Rhizopus species VI. The formation of malic, lactic and fumaric acids from acetic acid. Bull. Agr.Chem. Soc. Japan. 4: 34-38. Mr.1928. no.3.

Bull. Amer. Peony Soc.

Saunders, A.P.
New strain of hybrid peonies. Bull. Amer. Peony Soc. 20(34): 11-13. Je.1928.

Bull. Sci. Pharm. (Paris)

Gillot, P.
Recherches sur les graines de l' "Euphorbia verrucosa" Jacq. Bull.Sci. Pharm. 35: 288-291. My.1928. no.5.

Maheu, J.
Méthodes de différenciation et de détermination de valeur des rhubarbes, basée sur la fluorescence. Bull. Sci. Pharm. 35: 278-288. My.1928. no.5.

Bull. Soc. Centr. For. Belgique. (Bruxelles)

D., G.
Nos. pineraies sont-elles en danger? Bull. Soc. Centr. For. Belgique. 35: 205-206. My. 1928. no.5.
Lophodermium pinastri.

Gallot,
Note relative à la maladie des ormes. Bull. Soc. Centr. For. Belgique. 35: 206-207. My.1928. no.5.

Ledoux, P.
Contributions a la drymologie du Congo I- Bull. Soc. Centr. For. Belgique. 35: 202-204. plates. My.1928. no.5.
I.Sur l'Entandrophragma delevoyi De Wild. (Meliaceae) et l'appareil végétatif jeune d'une Meliaceae du Katanga.

Bull. Soc. Hist.Nat.Afr. Nord.

Jahandiez, E. & Maire,R.
Plante maroccanae novae III. Bull. Soc. Hist. Nat. Afr. Nord. 19: 81-87. F.1928. no.2.
Teucrium barbarum, n.sp.

Killian, C. & Maire, R.
Sur une nouvelle maladie des artichauts et sur un champignon Diplodina cynarae qui l'accompagne. Bull. Soc. Hist. Nat. Afr. Nord. 19: 20-23. pl.vi. Ja.1928 (Rec'd Je.) no.1.

Maire, R.
Contribution à l'étude de la flore de l'Afrique du nord (cont.) Bull. Soc. Hist.Nat. Afr. Nord. 19: 29-66. Ja.1928 (Rec'd Je.) no.1.

Maire, R. & Senevet,
La flore murale du Tombeau de la Chrétienne. Bull. Soc. Hist. Nat. Afr.Nord. 19: 23-28. Ja. 1928.(Rec'd Je.) no.1.

Bull. Torr. Club.

Turner, J.A.
Relation of the distribution of certain Compositae to the hydrogen-ion concentration of the soil. Bull. Torrey Bot. Club. 55: 199-213. Ap.1928. no.4.

Bull. Torrey Bot. Club. (cont.)

Wodehouse, R.P.

Pollen grains in the identification and classification of plants I- Bull. Torrey Bot.Club. 55: 181-198. illus., pl.8. Ap.1928. no.4.

I. The Ambrosiaceae.

Bull. Trim.Off. Rég. Agr. Midi France.

L'anguillule des narcisses. Bull. Trim. Off. Rég. Agr. Midi France. 25: 49-55. Ja.1928.

Dufrenoy, J.

Recherches relatives aux dépérissements des arbres fruitiers. Bull. Trim. Off. Rég. Agr.Midi France. 26: 94-96. Ap.1928.

Canad. Field Nat. (Ottawa)

Connell, R.

Notes on marine algae collected at Departure Bay, B.SC. Canad. Field-Nat. 42: 99-100. Ap. 1928. no.4.

Centralbl. Bakt. Abt.II. (Jena)

Dimitrijević-Speth, V.

Die Leptothrix, ihre reinzüchtung und zugehörigkeit zu den fadenpilzen. Centralbl. Bakt. Abt.II. 74: 381-383. illus. My.1928. no.15/23.

Lieske, R.

Das krebsproblem vom standpunkte der pflanzenphysiologie und allgemeinen bakteriologie. Centralbl. Bakt. Abt.II. 74: 395-397. pl. My.1928. no.15/23.

Vorläufige mitteilung.

Roberg, M.

Ueber die wirkung von eisen-, zink- und kupfersalzen auf aspergillen. Centralbl. Bakt. Abt. II. 74: 333-370. pl. My.1928. no.15/23.

Compt. Rend. Acad. Agr. France. (Paris)

Desprez, Fl.

Observations sur le traitement a sec de blés contre la carie. Compt. Rend. Acad. Agr.France. 14: 699-701. My.30,1928. no.20.

Rabaté, E. & Jaguenaud, M.

La sylvinite en poudre comme désherbant. Compt. Rend. Acad. Agr. France. 14: 689-697. My.30,1928. no.20.

Compt. Rend. Acad. Sci. Paris.

Heim, R.
Observations préliminaires sur le genre Inocybe. Compt. Rend. Acad. Sci. Paris. 186: 1569-1571. Je.4, 1928. no.23.

Nadson, G. & Philippov, G.
De la formation de nouvelles races stables chez les champignons inférieurs sous l'influence des rayons X. Compt.Rend. Acad. Sci. Paris. 186: 1566-1568. Je.4, 1928. no.23.

Compt. Rend. Soc. Biol. Paris.

Bachrach, E. & Lefèvre, M.
Disparition de la carapace siliceuse chez les diatomées. Compt. Rend. Soc. Biol. Paris. 98: 1510-1511. My.25, 1928. no.17.

Dufrénoy, J.
Condition d'hypotonie des cellules affectées par la mosaíque. Compt. Rend. Soc. Biol. Paris. 98: 1499-1500. illus. My.25,1928. no.17.

Dufrénoy,J.
Sur des phénomènes préparant la germination. Compt.Rend.Soc.Biol. Paris. 98: 1496-1498. illus. My.25,1928. no.17.

Conçalves da Cunha, A.
Observations cytologiques sur la germination des graines. Vacuome et appareil de Holmgren. Compt. Rend. Soc. Biol. Paris. 98: 1595-1596. Je.1, 1928. no.18.

Country Life. (London.

Cox, E.H.M.
England's plane trees. Country Life. 63: 858-861. illus. Je.9,1928. no.1638.

Curiamo Piante (Milan)

Ferraris, T.
Agricoltura e fitopathologia nel Kashmir. Curiamo le Piante. 6: 81-86. My.28,1928. no.5.

Passalacqua, T.
La ruggine dell'asparagio. Curiamo Piante. 6: 86-89. illus. My.28,1928. no.5.
Puccinia asparagi.

Curiamo Piante (cont.)
Passalacqua, T.
Vaiolatura fogliare del leccio (Quercus ilex) prodotta dalla "Phyllosticta quercus-ilicis" (Sacc.) Curiamo le Piante. 6: 91-96. illus. My.28,1928. no.5.

Défense Agr. Beauce et Perche (Chartres)
Courtois, G.
Les ennemis de la luzerne. Défense Agr. Beauce et Perche. 25: 258-259. Je.2, 1928. no.22.

Ergebnisse Biol. (Berlin)
Schratz, E.
Die "Manoiloff-reaktion". Ihre chemische und physiologische begründung. Ergebnisse Biol. 3: 228-264. 1928.
Geschlechtsspezifische differenzen in der pflanzenwelt: p.248-254.

Stocker, O.
Das halophytenproblem. Ergebnisse Biol. 3: 265-353. 1928.

Floralia. (Assen, Netherlands)
Schenk, P.J.
Bladvlekken van orchideeën. Floralia. 49: 343-344. Je.1,1928. no.22.
Hypodermium orchidearum, Cladosporium orchide.

Flor.Rev. (Chicago)
Brown, H.D.
Surveys ways to sterilize soil. Flor.Rev. 62(1594): 27-30. illus. Je.14,1928.

Fruit, Flower & Veg. Trades Journ. (London)
Core decay in pears. Fruit, Flow.& Vegetable Trades Journ. 53: 573. My.26, 1928. no.21.

Fruit Grow., Fruiterer, Flor. & Mark. Gard. (London)
Strawberry "wet feet", Lanarkshire disease", Cause and cure. Fruit-Grow., Fruiterer, Flor. & Market Gard. 65: 819-820. My.31,1928. no.1694.
Résume of work done on the disease.

Gard. Chron. (London)
Banfield, F.S.
Terrestrial orchids of the Malayan Peninsula. Gard. Chron. III, 83: 416. Je.9, 1928. no.2163.

Gard.Chron. (cont.)

Brown, N. E.
Mesembryanthemum (cont.) Aspazoma, N.E.Br. Gard. Chron. III, 83: 419. Je.9, 1928. no.2163.

Darnell, A. W.
The genus Primula (cont.) Gard. Chron. III, 83: 419-420. Je.9, 1928. no.2163.

Salmon, E.S. & Ware, W.M.
Inter-specific grafting in Humulus. Gard. Chron. III, 83: 396. Je.2,1928. no.2162.

Ward, F.K.
Mr. F. Kingdon Ward's tenth expedition in Asia I- Gard. Chron. III, 83: 414-416. illus. Je.9, 1928. no.2163.

Gard. Chron. Amer. (N.Y.)

Bade, E.
Fungi parasites that injure plants. Gard. Chron. Amer. 32: 172-173. illus. Je.1928. no.4.

Medlock, H.R.
Plant physiology. Gard.Chron. Amer. 32: 179-180. Je.1928. no.4.

Gard. Illus. (London)

Tulip fire. Gard. Illus. 50: 368. Je.9,1928. no.2570.
Botrytis tulipae.

Gartenfl. (Berlin)

Geh. regierungstrat Professor Dr. Ludwig Wittmack. Gartenfl. 77: 166. port. My.1928.

Liebsch, G.
Merkwurdige und schone blattorgane. IX. Passionsblumenranken. Gartenfl. 77: 169-170. My. 1928.

Rauhut, G.
Die schlingpflanze, ihre kultur und ihre verwendung in garten mit deutschem klima. Gartenfl. 77: 184-186. My.1928.

Ulbrich, E.
Die blumengärten tropischer ameisen. Gartenfl. 77: 167-168. illus. My.1928.
Aus dem buch "Biologie der fruchte und samen" von Professor Dr.E. Ulbrich.

Gartenw. (Berlin)
Pape, H.
Folgeerscheinungen der fliederseuche. Gartenw. 32: 303-304. illus. Je.1, 1928. no.22.
Pseudomonas syringae.

Heil & Gewürz-Pflanzen. (Munich)
Himmelbaur, W. & Hindes, W.
Die fortpflanzungsverhaltnisse der "pfeffer-minze" und ihrer mutmasslichen stammeltern. Eine entwicklungsgeschichtliche studie. Heil u. Gewürz-Pflanzen. 11: 1-24. illus. My.1928. no.1.

Hoosier Hort. (Lafayette, Ind.)
Ballou, F.H. & Lewis, L.P.
Recent spraying and dusting experiments. Hoosier Hort, 10: 92-96. Je. 1928. no.6.

Hort. Illus. (Boston)
Hamblin, S.F.
Rock garden herbs from the northwest. Hort. Illus. 6: 305. Je.15, 1928. no.12.

Mead, F.B.
Iris seedlings of high merit. Hort. Illus. 6: 303-304. illus. Je.15,1928. no.12.

Indian Journ. Med.Res.
Chopra, R. N., Ghosh, S. & Dutt, A.T.
Ephedrine from the Indian varieties of Ephedra. Indian Journ. Med.Res. 15: 889-894. Ap.1928. no.4.

Ital.Agr. (Milan)
Curzi, M.
La lotta contro le malattie bactericheelle piante. Ital. Agr. 65: 322-326. My.1928. no.5.

Journ. Agr. Prat. (Paris)
Lacoudre, M.
Note sur le piétin du blé. Journ. Agr. Prat. n.s., 49: 414-415. pl. My.26, 1928. no.21.

Ponsard, J.
L'ergot du blé. Journ. Agr. Prat. n.s., 49: 413-414. pl. My.26, 1928. no.21.

Journ. Agr.Prat. (cont.)

Rebaté, E.

La destruction des mauvaises herbes dans les emblavures. Journ. Agr. Prat. n.s., 49: 415-417. My.26, 1928. no.21.

Journ. Agr.Res.

Allen, R.F.

A cytological study of Puccinia glumarum on Bromus marginatus and Triticum vulgare. Journ. Agr.Res. 36: 487-513. 12 pl. Mr.15,1928 (Rec'd Je.14)

Harris, J.A. & Ness, M.M.

Applicability of Pearson's equivalent probability r method to the problem of seedling mortality in Sea-Island, Egyptian, and Upland cotton. Journ.Agr. Res. 36: 615-623. Ap.1, 1928 (Rec'd Je.11) no. 7.

Harris, J.A., Harrison, G.J. & Wadley, F.M.

Illustrations of the application of a criterion of the deviation of an observed from a random distribution to the problem of seedling stand in Sea-Island, Egyptian, and Upland cotton. Journ.Agr.Res. 36: 603-614. Ap.1, 1928. no. 7 (Rec'd Je.11)

Jones, J.W.

Inheritance of earliness and other agronomic characters in rice. Journ.Agr.Res. 36: 581-601. Ap.1, 1928 (Rec'd Je.11) no.7.

Lyon, M.E.

The occurrence and behavior of embryoless wheat seeds. Journ. Agr.Res. 36: 631-637. illus. Ap.1,1928 (Rec'd Je.11) no.7.

Journ. Amer. Soc. Agron (Geneva,N.Y.

Carlson, J.W.

Seasonal behavior of alfalfa flowers as related to seed production. Journ.Amer. Soc. Agron. 20: 542-556. Je.1928. no.6.

Journ. Amer. Soc. Agron. (cont.)

Gerdel, R.W. & Salter, R.M.
Measurement of leaf area using the photoelectric cell. Journ. Amer.Soc. Agron. 20: 635-642. Je. 1928. no.6.

Stewart, G. & Tingey, D.C.
Transgressive and normal segregations in a cross of Marquis x Federation wheats. Journ. Amer. Soc. Agron. 20: 620-634. illus. Je.1928. no.6.

Wilson, H.K.
Wheat, soybean, and oat germination studies with particular reference to temperature relationships. Journ. Amer. Soc. Agron. 20: 599-619. Je.1928. no.6.

Journ. Bot. (London)

Ardagh, J.
Louisa Lane Clarke and her writings. Journ. Bot. 66: 174-175. Je.1928. no.786.

Bennett, A.
Notes on Orobanche. Journ. Bot. 66: 167-169. Je.1928. no.786.

Brown, N.E.
Cerochlamys: a new genus of Mesembryanthemeae. Journ. Bot. 66: 171-172. Je.1928. no.786.
C. trigona.

Bruton, F.A.
William Epps Cormack. Journ.Bot. 66:175-176. Je.1928. no.786.

Exell, A.W.
Mr. John Gossweiler's plants from Angola and Portuguese Congo. Dicotyledones: Polypetalae (cont.) Journ. Bot. 66(Suppl.): 121-136. illus. Je.1928. no.786.

Moore, S.L.
Notes on Jamaica plants (concl.) Journ.Bot. 66: 161-167. illus. Je.1928. no.786.
Vernonia harrisii, Eupatorum maxwelliae, Mikania lindenii, sp.nov.

Watson, W.
Minute stellate hairs on the upper face of bramble-leaves. Journ. Bot. 66: 169-170. Je.1928. no.786.

Journ. Chem. Soc. London.

Henry, T.A. & Sharp, T.M.
The alkaloids of some Indian aconites (A. balfourii, A. deinorrhizum, and "Chumbi aconite"). Journ. Chem. Soc. London. 1928: 1105-1121. My. 1928.

Journ. Econ. Entom. (Geneva, N.Y.)

Becker, G. G.
Non-pear zones and blight eradication. Journ. Econ. Entom. 21: 485-487. Je.1928. no.3.

Detwiler, S. B.
Developments in white pine blister rust control in the United States. Journ.Econ. Entom. 21: 476-481. Je.1928. no.3.

Journ. Hered. (Wash.)

Nixon, R. W.
Immediate influence of pollen in determining the size and time of ripening of the fruit of the date palm. Journ.Hered. 19: 241-255. Je.1928. no.6.

Swingle, W.T.
Metaxenia in the date palm. Possibly a hormone action by the embryo or endosperm. Journ.Hered. 19: 257-268. Je.1928. no.6.

Journ. Kew Guild.

Sands, W.N.
Cameron's highlands, Malaya. Journ. Kew Guild. 4: 495-504. 2 pl. Ja.1927 (Rec'd Je.1928) no.34.
Region in Pahang.

Journ. Min. Agr. Gt. Brit. (London)

Goodwin, W., Salmon, E.S. & Ware, W.M.
Control of apple scab on Allington Pippin and Newton Wonder by two types of Bordeaux mixture. Journ. Min.Agr.Gt. Brit. 35: 226-235. Je.1928. no.3.

Long, H.C.
Weeds of arable land III Journ.Min. Agr. Gt.Brit. 35: 246-252. Je.1928. no.3.

Journ. N.Y. Bot.Gard.

Harper, R.A., Britton, N.L. & Howe, M.A.
Professor Herbert M. Richards. Journ. N.Y. Bot.Gard. 29: 137-138. Je.1928. no.342.

Journ. N.Y.Bot.Gard. (cont.)
McLean, F.T.
Gladiolus, wild and cultivated. Journ. N.Y. Bot.Gard. 29: 125-130. Je.1928. no.342.

Journ. Pan-Pacific Res.Inst. (Honolulu, Hawaii)
Uphof, J.C.Th.
The Botanical Garden of the Pan-Pacific research institution in Honolulu to stimulate botanical research among the Pan-Pacific nations. Journ. Pan-Pacific Res.Inst. 2: 10-11. Apr./Je. 1927 (Rec'd Je.1928) no.2.

Journ.Washington Acad.Sci.
Pittier, H.
Studies of Venezuelan Bignoniaceae III. New species of the genus Arrabidaea. Journ. Washington Acad. Sci. 18: 333-343. Je.19,1928. no.12.

Leafl. Min.Agr.Northern Ireland.
Northern Ireland - Ministry of agriculture.
Potato blight. Its Leafl. 50. 6 p. pl. Mr.1928.

Marcellia.
Trotter, A.
Caro Massalongo, n.1852 - m. 1928. Marcellia. 24: 144-155. port. Je.1928. no.1/6.
Le pubblicazioni cecidologiche e teratologiche del Prof. Caro Massalongo: p.151-155.

Medd. Centralanst. Försöksv. Jordbr. Sweden.
Lundegardh, H.
Kulturväxternas kolhydratbildning, dess förhallande till avkastningen och beroende av klimatet och markbeskaffenbeten Medd. Centralanst. Försöksv. Jordbruksomr. Avd. Landtbruksbot. 331. 100 p. illus. 1928.
English summary: Phytosynthesis of cultivated plants, its relation to yield and its dependence on climate and soil. p.88-97.

K. Landtbr. Akad. Handl. o Tidskr. (Stockholm)
Witte, H.
Hjalmar von Feilitzen. K. Landtbr. Akad.-Akad. Handl. o. Tidskr. 67: 317-320. port. 1928.no.3.

Mexico For. (Mexico City)
González Ortega, J.
Echinocereus ochoterenae, G. Ortega. México For. 6: 88-90. illus. My.1928. no.5.

Missouri Bot. Gard. Bull. (St.Louis)
Check-list of the ferns and flowering plants indigenous to the Missouri Botanical garden extension, Gray Summit, Missouri. Missouri Bot. Gard. Bull. 16: 65-74. My.1928. no.5.

Notable St.Louis gardens I- Missouri Bot. Gard.Bull. 16: 63-65. ppl.22-24. My.1928. no.5.
I. The garden of Mr. and Mrs. Eugene H. Angert.

Mitt. Deut. Landw Ges. (Berlin)
Kindshoven, J.
Entseuchung des bodens und bekämpfung der kohlhernie mit kalkstickstoff. Mitt. Deut. Landw. Ges. 43: 522-523. illus. Je.2, 1928. no.22.

Monatsh. Chem. (Vienna)
Schmid, L. & Waschkau, A.
Ueber die konstitution des anthochlors der gelben dahlien. Monatsh.Chem. 49: 83-91. Ap. 1928. no.1/2.

Schmid, L. & Bilowitzki, G.
Untersuchungen über pflanzliche sterine. Monatsh. Chem. 49: 98-106. Ap.1928. no.1/2.

Nature. (London)
Belling, J.
Genes and chromomeres in flowering plants. Nature. 121: 831. My.26, 1928. no.3056.

Smith, K.M.
Insects and potato virus diseases. Nature. 121: 904. illus. Je.9,1928. no.3058.

Nature Mag. (Wash.)
Douglass, A.E.
Climate and trees. Nature Mag. 12: 51 -53. illus. Jl.1928. no.1.

Lampman, B.H.
Savage gardens, nature's crop for her nut-brown children. Nature Mag. 12:32-34. illus. Jl.1928. no.1.
Sagittaria latifolia, arrowhead lily or wapatoo. Tubers used for food by Indians.

Nederl. Kruidk.Arch. (Amsterdam)

Wachter, W.H.

Naamlijst der Nederlandse bladmossen.
Nederl. Kruidk. Arch. 1927:76-89. no.1.

New Phytol. (London)

Anderson, V.L.

On an abnormality in Digitalis purpurea.
New Phytol. 27: 117-123. illus. My.1928. no.2.

Arber, A.

The tree habit in angiosperms: its origin and meaning. New Phytol. 27: 69-84. My.1928. no.2.

Brooks, F.T.

Disease resistance in plants. New Phytol. 27: 85-97. My.1928. no.2.

Griffiths, B.M.

On desmid plankton. New Phytol. 27: 98-107. My.1928. no.2.

Hicks, P.A.

Distribution of carbon/nitrogen ratio in the various organs of the wheat plant at different periods of its life history. New Phytol. 27: 108-116. illus. My.1928. no.2.

Obst- u. Gemüseb. (Berlin)

Ludwigs, K.

Spritzkalender für die wichtigsten krankheiten und schädlinge der pfirschbäume. Obst. u. Gemüseb. 74: 76-77. illus. My.16,1928. no.5.

Ochrana Rostlin (Prague)

Baudyš, E.

Bakteriosa mečíku (Bakteriose des gladiolus).
Ochrana Rostlin. 8: 49-51. illus. My.1928. no.2/3.
German résumé: p.51.
B. marginatum.

Blattný, C.

O methodách studia virousových chorob u chmele (methodes à l'étude de la transmission des maladies vireuses du houblon). Ochrana Rostlin. 8: 51-56. illus. My.1928. no.2/3.
French résumé: p.55-56.

Ochrana Rostlin (cont.)

Říha, J.

O velikosti snižování sklizně a převodních koefficientech u našich nejdůležitějších chorob bramborevých (Ueber die erniedrigung der ernten und über die überführungskoeffizienten bei unseren wichtigsten kartoffelkrankheiten) Ochrana Rostlin. 8: 58-61. My.1928. no.2/3.

German résumé: p.61.

Orchid Rev. (Richmond, England)

Arnold, R.E.

Eria ornata. Orchid Rev. 36: 163. Je. 1928. no.420.

Oncidium kramerianum. Orchid Rev. 36: 166-167. illus. Je.1928. no.420.

Phalaenopsis amabilis and P. aphrodite. Orchid Rev. 36: 170-171. illus. Je.1928. no.420.

Some fringe-lipped Epidendrums. Orchid Rev. 36: 172-174. illus. Je.1928. no.420.

Pacific Rural Press. (San Francisco)

Hodges, R.E.

A serious potato problem solved. Pacific Rural Press. 115: 733. Je.16, 1928.

Mosaic disease of potato controlled by use of clean seed.

Pam. Państw. Inst. Nauk. Gospod. Wiejsk. Puławach. (Mém. Inst. Nat. Polon. Econ. Rur. Pulawy) (Krakow)

Kwieciński, R.

Dalsze studja nad spływem dwucyjandwuamidu na rośliny II(Recherches sur l'influence de dicyandiamide exercée sur les plantes II) Pam. Państw. Inst. Nauk. Gospod. Wiejsk. Puławach (Mém. Inst. Nat. Polon. Econ. Rur. Pulawy) 8(A): 131-136. pl.1927.

French résumé: p.135-136.

Lewicki, S.

Róznice w biologji zbóz ozimych i jarych I-II. (Différences biologiques entre les blés d'hiver et les blés de printemps I-II) Pam. Pánstw. Inst. Nauk Gospod. Wiejsk. Puławach. (Mém. Nat. Polon. Econ. Rur. Pulawy) 8(A): 147-224, 347-416. 1927.

I. Badanie mieszańców przy uprawie wiosennej (Etude sur les hybrides en culture de printemps). II.Badanie mieszańców przy uprawie jesiennej (Etudes sur les hybrides en culture d'hiver): p.215-224, 402-416.

Pam. Państw. Inst. Nauk. Gospod. Wiejsk.(Puławach. (Mém. Inst. Nat. Polon. Econ. Rur. Pulawy) (cont.)

Lipska, I.
Badania nad warunkami powstawania skrobi w pleśniach, w szczególności u Citromyces glaber (Wehm.) (Recherches sur la formation de l'amidon chez les moisissures, notamment chez Citromyces glaber (Wehm.) Pam. Państw. Inst. Nauk. Gospod. Wiejsk. Puławach. (Mém. Inst. Nat. Polon. Econ. Rur. Pulawy) 8(A): 549-589. 1927.
French résumé: p.587-589.

Zaleski, L.
O wedrowaniu mineralnych składników pokarmowych podczas wzrostu rośliny (Sur la migration des principes nutritifs minéraux pendant la croissance de la plante). Pam. Państw. Inst. Nauk. Gospod. Wiejsk. Puławach (Mém. Inst. Nat. Polon. Econ. Rur. Pulawy) 8(A): 239-294. 1927.
French résumé p.292-294.

Parfum. Mod. (Lyon, France)

Cerbelaud, R.
Lichens aromatiques, Evernia et Sticta (Aromatic lichens) Parfum. Mod. 21: 98-110. My.1928. no.5.
In both French and English.

Chalot, C.
L'essence de bergamote. Parfum.Mod. 21: 92-94. illus. My.1928. no.5.
Citrus bergamia.

Gabriel, C.
Etude de deux fausses sauges officinales S. confusa; S. grandifolia Ettling. Parfum. Mod. 21: 89-91. illus. My.1928. no.5.

Perfum. & Essent. Oil Rec. (London)

Hawthorn, the may-blossom in the perfumer's art. Perfum. & Essent. Oil Rec. 19: 175-177. My.1928. no.5.

Pflanzenbau. (Berlin)

Arland, A.
Zur frage der bestimmung des 1000-korngewichtes zur sortencharakteristik bei hafer. Pflanzenbau. 4: 361-362. Je.1, 1928. no.23.

Pharm. Journ. (London)

Holmes, E.M.

Note on Mesembryanthemum edule, Linn.
Pharm. Journ. 120: 468-469. My.19,1928. no.3368.

Planta, Arch. Wiss.Bot. (Berlin)

Bünning, E.

Zur physiologie des wachstums und der reizbewegungen der wurzeln. Planta, Arch. Wiss. Bot. 5: 635-659. My.1928. no.4.

Dostál, R.

Zur frage der fortpflanzungsorgane der caulerpaceen. Planta, Arch. Wiss. Bot. 5: 622-634. illus. My.1928. no.4.

Mothes, K.

Pflanzenphysiologische untersuchungen über die alkaloide I- Planta, Arch. Wiss. Bot. 5:563-615. My.1928. no.4.

I. Das nikotin im stoffwechsel der tabakpflanze

Schwarz, W.

Zur ätiologie der geaderten panaschierung I- Planta, Arch. Wiss Bot. 5: 660-680 illus. My. 1928. no.4.

Coleus hybridus.

Sierp, H. & Seybold, A.

Kann die transpiration aus einem multiperforaten septum die einer gleich wasserfläche erreichen? Planta, Arch Wiss. Bot. 5: 616-621. My.1928. no.4.

Prakt. Blätt. Pflanzenb. u. Pflanzensch. (Freising)

Bestimmungen für die prüfung von pflanzenschutzmitteln durch den Deutschen pflanzenschutzdienst. Prakt. Blätt. Pflanzenb. u. Pflanzensch. 28: 29-32. My.1928. no.2.

Korff, G. & Böning, K.

Bericht über das auftreten von krankheiten und schädlingen an landwirtschaftlichen kulturpflanzen in den ersten monaten mit April 1928. Prakt. Blätt. Pflanzenb. u. Pflanzensch. 28: 42-46. My.1928.

Schiele, J.

Die bodenreaktion und deren auswirkung auf die ernährung von pflanzen und tier. Prakt. Blätt. Pflanzenb. u. Pflanzensch. 28: 38-42. My.1928. no.2.

Proc. Amer. Phil. Soc. (Philadelphia)

Macdougal, D.T.

Substances regulating the passage of material into and out of plants cells: the lipoids. Proc. Amer. Phil. Soc. 67: 33-45. 1928. no.1.

Trelease, W.

Trianaeopiper, a new genus of Piperaceae. Proc. Amer. Phil. Soc. 67: 47-50. illus. 1928. no.1.

True, R.H.

Some neglected botanical results of the Lewis and Clark expedition. Proc. Amer. Phil. Soc. 67: 1-19. 1928. no.1.

Proc. & Trans. Nova Scot. Inst. Sci. (Halifax)

MacKay, A.H.

The phenology of Nova Scotia, 1922,1923. Proc. & Trans. Nova Scotian Inst. Sci. 16: 54-64, 104-113. N.1927. no.1/4.

Proc. K.Akad. Wetensch. Amsterdam.

Posthumus, O.

Some remarks concerning the remains, which have been described as fossil fern-stems and petioles. Proc. K. Akad. Wetensch. Amsterdam. 31:230-237. 1928. no.2.

Seybold, A.

Zur klärung des xerophytenproblems. Proc. K. Akad. Wetensch. Amsterdam. 31: 248-252. 1928. no.2.

Progr. Agr. & Vitic. (Montpellier)

Bènes, G.

Le court noué. Progr. Agr. et Vitic. 89: 524-529, 580-581. My.27, Je.10, 1928. no.22,24.

Queensl. Agr. Journ. (Brisbane)

Williams, G.

The banana in Queensland. Queensl. Agr. Journ. 29: 346-367. illus. My.1, 1928. no.5.

Pests and diseases: p.365-367.

Queensl. Nat. (Brisbane)
Herbert, D.A.
The sun and plant distribution. Queensl. Nat. 6: 58-66. Ap.1928. no. 4.

Res. Bull. West. Scotl. Agr. Coll.
O'Brien, D.G. & M'Naughton, E.J.
The endotrophic mycorrhiza of strawberries and its significance. Res. Bull. West. Scotl. Agr. Coll. no.1. 32 p. vi pl. Ja.1928.
The authors consider this endotrophic mycorrhiza a parasite and the cause of "root weakness" in strawberries. The Lanarkshire strawberry disease is the worst form of this disease.

Rev. Agr. Puerto Rico (San Juan)
Gómez, J.C. & Pérez, M.
Enfermedades ingénitas de las semillas. Rev. Agr. Puerto Rico. 20: 242-243. My. 1928. no.5.

Rhodesia Agr. Journ. (Salisbury)
Hopkins, J.C.F.
Frenching of tobacco. Rhodesia Agr. Journ. 25: 588-591. plates. My.1928. no.5.

Rosen-Zeit.
Laubert, R.
Eine neue frühjahrskrankheit der rosenwildunge. Rosen-Zeit. 43: 22-23. 1928. no.2.
Cylindrosporium ramicola.

Schweiz. Landw. Monatsh. (Bern)
Wiesmann, R.
Untersuchungen über die bekämpfung der kirschbaumkrankheiten in Eiken (Fricktal) im jahre 1927. Schweiz. Landw. Monatsh. 6: 143-149. illus. 1928. no.6.

Science. (Lancaster,Pa.)
Emission of rays by plant cells. Science. 67 (Suppl.): x, xii. Je.15, 1928. no.1746.

Fry, W.
Tree growth and the weather. Science. 67(Suppl.): xiv. Je.15, 1928. no.1746.
Sequoia gigantea.

Trelease, W.
Joseph Nelson Rose, 1862-1928. Science. 67: 598-599. Je.15, 1928. no.1746.

Science. (cont.)
Wagener, W.W.
Coryneum canker of cypress. Science. 67: 584. Je.8, 1928. no.1745.

Scient. Agr. (Ottawa)
McLarty, H.R.
Some observations on physiological diseases in apple in British Columbia. Scient. Agr. 8: 636-650. illus. Je.1928. no.10.

Soil Sci. (Baltimore)
LeClerg, E.L. & Smith, F.B.
Fungi in some Colorado soils. Soil Sci. 25: 433-441. Je.1928. no.6.

Succulenta (Leeuwarden)
Karsten, M.
Hoogsucculente mesembrianthema (cont.) Succulenta. 10: 101-109. illus. Je.1928. no.6.

Sugar News. (Manila)
Rapson, C.J.
Uba cane, seed selection and growth. Sugar News. 9: 314-316. My. 1928. no.5.

Tea Quart. Tea Res. Inst. Ceylon.
Gadd, C.H.
A nematode root disease of dadaps. Tea Quart. Tea Res.Inst. Ceylon. 1: 39-44. pl.iii-iv. My. 1928. no.2.
Heterodera radicicola.

Gadd, C.H.
Tea and soil acidity. Water culture experiments, II. Tea Quart. Tea Res.Inst. Ceylon. 1: 31-35. My. 1928. no.2.

Petch, T.
Wound gum. Tea Quart. Tea Res.Inst. Ceylon. 1: 27-30. My. 1928. no.2.

Tieteel. Julk. Suomen Suoviljelys (Vetensk. Skrift. Finska Mosskult)
Tuorila, P.
Wirkung der kalzuimkarbonat- und schwefelsäure-zugaben auf die azidität von verschiedenen torfarten. Tienteel. Julk. Suomen Suoviljelys (Vetensk. Skrift. Finska. Mosskult.) no.8. 75 p. 1928.

Tijdschr. Plantenz. (Amsterdam)
Meulen, J.G.J. van der.
Voorloopig onderzoek naar de specialisatie en de infectiebronnen der mozaieziekten van landbouwgewassen. Tidjschr. Plantenz. 34: 155-176. My.1928. no.5.

Tree Talk. (Stamford, Conn.)
Blight of red cedars. Tree Talk. 8(3):31. 1927 (Rec'd Je.1928)

Fitzpatrick, H.M.
Heart-rot of shade trees. Tree Talk. 8(3): 4-10. illus. 1927(Rec'd Je.1928)

Rankin, W.H.
Black-cup fungus of oaks. Tree Talk. 8(3): 28. 1927 (Rec'd Je.1928)
Bulgaria polymorpha.

Trop. Agr. (Ceylon) (Peradeniya)
Park, M.
Hevea stem disease caused by Fomes lamaoensis. Trop. Agr. (Ceylon) 70: 225-226. Ap.1928. no.4.
Mycological notes (12)

Small, W.
Further notes on Rhizoctonia bataticola. Trop. Agr. (Ceylon) 70: 227-231. Ap.1928. no.4.
Mycological notes (12)

Trop. Woods, Yale Univ.Sch.For. (New Haven, Conn.)
Blake, S.F.
Note on the Peruvian mahogany. Trop. Woods, Yale Univ. Sch.For. 14: 33. Je.1, 1928.
Wsietenia marcrophylla.

Cooper, G.P.
Some interesting trees of western Panama. Trop. Woods, Yale Univ. Sch. For. 14: 1-8. Je.1, 1928.

Koehler, A.
Tests on six Argentine woods. Trop. Woods, Yale Univ.Sch. For. 14: 15-20. Je.1, 1928.

Trop. Woods, Yale Univ. Sch. For. (cont.)

Record, S.J.
The "palo prieto" of west central Mexico. Trop.Woods, Yale Univ.Sch. For. 14: 8-12. Je.1, 1928.
Celaenodendron mexicanum.

Record, S.J.
Trees of Santa Inés, Guatemala. Trop. Woods Yale Univ. Sch.For. 14: 25-29. Je.1, 1928.

Standley, P.C.
Sickingia maxonii. Trop. Woods Yale Univ. Sch. For. 14: 30. Je.1, 1928.

Stevenson, D.
Types of forest growth in British Honduras. Trop. Woods, Yale Univ.Sch. For. 14:20-25. Je.1, 1928.

Trudy Prikl. Bot. Gen. i Selek. (Bull. Appl. Bot. Gen. & Plant. Breed.) (Leningrad)

Brzhezitsky, M.V.
... The weeds of the peninsula Apsheron (prov. Baku) Trudy Prikl. Bot. Gen. i Selek.(Bull.Appl. Bot., Gen. & Plant.Breed.) 18(1): 351-365. 1928.
Russian with English summary.

Ganeshin, S. S.
... On the species of Cuscuta in European U.S.S.R. Trudy Prikl. Bot. Gen. i Selek. (Bull. Appl. Bot., Gen. & Plant Breed.) 18(1): 273-300. illus. 1928.
Russian with English summary.

Griazev, N.D.
... On Cuscuta epilinum Weihe. Trudy Prikl. Bot. Gen. i Selek.(Bull. Appl. Bot., Gen. & Plant Breed.) 18(1): 259-272. 1928.
Russian with English summary.

Harvey, R.B.
... Artificial ripening of fruits and vegetables. Trucy Prikl. Bot. Gen. i Selek. (Bull. Appl. Bot., Gen. & Plant Breed.) 18(1): 179-216. illus. 1928.
Russian with English summary.

Trudy Prikl. Bot. Gen. i Selek.(Bull.Appl.Bot.Gen. & Plant Breed.) (Leningrad.) (cont.)

Kamensky, K.V.
... In klee vorkommende seide. Trudy Prikl. Bot. Gen. i Selek.(Bull.Appl.Bot., Gen. & Plant Breed.) 18(1): 217-257. illus. 1928.
Russian with German summary.

Koroleva, V.A.
... The weeds of Karelia. Trudy Prikl. Bot. Gen. i Selek.(Bull. Appl.Bot., Gen. & Plant Breed.) 18(1): 333-350. 1928.
Russian with English summary.

Kuleshov, N.N. & Savron, V.I.
... On the methodics of crossing corn and teosinte in the northern corn growing districts. Trudy Prikl. Bot. Gen. i Selek. (Bull. Appl. Bot., Gen. & Plant. Breed.) 18(1); 397-406. illus. 1928.
Russian with English summary.

Liubomirov, P.
... On the cultivation of emmer in Russia until the middle of the XVIII century. Trudy Prikl. Bot. Gen. i Selek. (Bull. Appl. Bot. Gen. & Plant Breed.) 18(1): 67-96. 1928.
Russian with English summary.

Mal'kov, F.IU.
... The weeds of White Russia. Trudy Prikl. Bot. Gen. i Selek. (Bull. Appl.Bot. Gen. & Plant Breed.) 18(1): 301-332. 1928.
Russian with English summary.

Roshevitz, R.
... New species of gen.Aegilops L. Trudy Prikl. Bot. Gen. i Selek. (Bull. Appl.Bot., Gen. i. Selek.(Bull. Appl.Bot. Gen. & Plant Breed.) 18(1): 413-415. illus. 1928.
Russian with Latin diagnosis. (A. turcomanicum.)

Sakharov, N.
... On some edible plants of the Volga delta. Trucy Prikl. Bot. Gen. i Selek. (Bull. Appl. Bot., Gen. & Plant Breed.) 18(1): 365-370. 1928.
Russian with English summary.
Fruits of Trapa natans, rhizomes of Typha angustifolia, tubers of Sagittaria sagittifolia, & seeds of Agriophyllum arenarium.

Trudy Prikl. Bot. Gen. i Selek. (Bull. Appl.Bot. Gen. & Plant Breed.) (cont.)

Zaitzev, G.S.
... A contribution to the classification of the genus Gossypium. L. Trudy Prikl. Bot. Gen. i Selek. (Bull. Appl. Bot. Gen. & Plant Breed.) 18(1): 1-65. illus. (incl.map) 1928.
Russian with English summary.

Zhukovsky, P.M.
... Specierum generis Aegilops L. Revisio critica. Trudy Prikl. Bot. Gen. i Selek. (Bull. Appl. Bot., Gen. & Plant Breed.) 18(1): 417-699. illus. 1928.
Russian with English summary.

U.S. Dept. Agr. Circ.

Griffiths, D.
Production of certain iris bulbs. U.S. Dept. Agr. Circ. 25. 22p. 7 pl. Ap.1928.

U.S. Dept. Agr. Misc.Publ.

Martin, J.F.
Protect western white pine and sugar pine from blister rust. U.S. Dept. Agr. Misc. Publ.23. fold. illus. (part col.) Ap.1928.

U.S. Dept. Agr. Plant Dis.Rep.

Tylenchus dipsaci on oats. U.S. Dept. Agr.Plant Disease Reporter. 12: 20. Je.15,1928. no.3.

Young, P.A.
Plant disease survey of Montana. U.S. Dept. Agr. Plant Disease Reporter. 12: 17-18. Je.15, 1928. no.3.

U.S. Dept. Agr. Yearbk.

Babcock, C.J.
Dairymen in south suffer losses from bitterweed in milk. U.S. Dept. Agr. Yearbook. 1927: 272-273. illus. 1928.
Helenium tenuifolium.

Brown, N.A.
Tomato losses from center rot heavy in several states. U.S. Dept. Agr. Yearbook. 1927: 628-630. illus. 1928.

U.S. Dept.Agr. Yearbook. (cont.)

Bryan, M.K.
Squash of Hubbard variety attacked by new leaf spot. U.S. Dept. Agr. Yearbook. 1927: 599-600. illus. 1928.

Carsner, E.
Sugar-beet disease called curly top, limits production. U.S. Dept. Agr. Yearbook. 1927: 603-605. illus. 1928.

Cook, O.F.
Rubber possibilities of many kinds exist in the United States. U.S. Dept. Agr. Yearbook. 1927: 562-565. illus. 1928.

Darrow, G.M.
Dewberry of the Young variety has excellent qualities. U.S. Dept. Agr. Yearbook. 1927: 276-278. illus. 1928.

Darrow, G.M.
Raspberry of the Van Fleet variety thrives in south. U.S. Dept. Agr. Yearbook. 1927: 551-553. illus. 1928.

Dewey, L.H.
Hemp varieties of improved type are result of selection. U.S. Dept. Agr. Yearbook. 1927: 358-361. illus. 1928.

Dickson, J.G.
Wheat-scab control effected by cleaning up refuse of crops. U.S. Dept. Agr. Yearbook. 1927: 702-706. illus. 1928.

Fisher, D.F.
Apples and pears are often injured when boxed in Douglas fir. U.S. Dept. Agr. Yearbook. 1927: 106-107. illus. 1928.

Griffiths, D.
Nankeen lily scarce though grown easily in the United States. U.S. Dept. Agr. Yearbook. 1927: 469-471. illus. 1928.

U.S. Dept. Agr. Uearbook. (cont.)

Hoffer, G.N.
Cornstalking testing by chemical indicates food needs of plant. U.S. Dept. Agr. Yearbook. 1927: 212-215. illus. 1928.

Holbert, J.R.
Corn seed treatment of Dent varieties in commercial practice. U.S. Dept. Agr. Yearbook. 1927: 210-212. 1928.

Hutchins, L.M.
Peach orchards in Georgia menaced by phony disease. U.S. Dept. Agr. Yearbook. 1927: 499-503. illus. 1928.

Hutton, L.D.
Barberry eradication reducing stem rust losses in wide area. U.S. Dept. Agr. Yearbook. 1927: 114-118. illus. 1928.

Johnson, J.
Tobacco breeding for root-rot resistance paying good returns. U.S. Dept. Agr. Yearbook. 1927: 622-625. illus. 1928.

Kellerman, K.F.
Citrus canker under control and final eradication expected. U.S. Dept. Agr. Yearbook. 1927: 183-184. 1928.

MacMillan, H.G.
Potato diseases on irrigated land tax cultivator's skill. U.S. Dept. Agr. Yearbook. 1927: 525-528. illus. 1928.

Martin, J.F.
Blister rust spread by wild gooseberry and currant bushes. U.S. Dept. Agr. Yearbook. 1927: 139-140. 1928.

Metcalf, H.
Larch canker, new unwanted immigrant, attacks fir and pine. U.S. Dept. Agr. Yearbook. 1927: 419-420. 1928.
Dasyscypha calycina.

U.S. Dept. Agr. Yearbook (cont.)

Posey, G.B.
Blister rust of white pine invades the Pacific northwest. U.S. Dept. Agr. Yearbook. 1927: 138-139. 1928.

Pritchard, F.J.
Tomatoes resistant to nailhead rust now widely planted. U.S. Dept. Agr. Yearbook. 1927: 630-633. Illus. 1928.

Ramsey, G.B.
Vegetable diseases in transit and markets take enormous toll. U.S. Dept. Agr. Yearbook. 1927: 670-672. illus. 1928.

Schultz, E.S.
Potato diseases of virus group due to cause not yet known. U.S. Dept. Agr. Yearbook. 1927: 522-525. illus. 1928.

Stakman, E.C.
Flax, resistant to wilt and sown early helps to cut losses. U.S. Dept. Agr. Yearbook. 1927: 305-307. 1928.

Stevens, N.E.
Cranberries used in trial forecasts as to keeping quality. U.S. Dept. Agr. Yearbook. 1927: 238-240. 1928.

Tapke, V.F.
Wheat stinking-smut control by copper-carbonate method. U.S. Dept. Agr. Yearbook. 1927: 707-708. illus. 1928.

Waite, M.B.
Fungicide as term commonly used has three definitions. U.S. Dept. Agr. Yearbook. 1927: 341-342. 1928.

Woods, A.F.
Mosaic-disease study points to control by resistant varieties. U.S. Dept. Agr. Yearbook. 1927: 464-465. 1928.

Univ. Calif. Publ. Bot. (Berkeley, Cal.)
Clausen, R.E.
Interspecific hybridization in Nicotiana VII. The cytology of hybrids of the synthetic species, digluta, with its parents, glutinosa and tabacum. Univ. Calif. Publ. Bot. 11: 177-211. illus. My.1928. no.10.

Věstník Ceskosl. Akad. Zeměd. (Praha)
Kavina, K.
Zivot a práce prof. Josafa Velenovského. (Vie et travail du professeur Dr. Josef Velenovský.) Věstnik Ceskosl. Akad. Zeměd. 4: 449-457. port. My. 1928. no.5.
Seznam publikaci prof. Dra. J. Velenovského: p.454-457.

Zashch. Rast. Vred. (La Défense Plant. Leningr.)
Rothers, B.F.
... Aperçu sur les maladies des plantes dans le district de Sotshe en Caucasus. Zashch. Rast. Vred. (La Défense Plant. Leningr.) 4: 962-967. D.1927 (1928)
Russian with Latin diagnosis of new spec. Phyllosticta grandispora, P. allii, P. petroselini, P. ficicaricae, Leptothyrium nervisequium.

Zeitschr, Pflanzenernähr. Düng. u. Bodenk.A.Wiss.Teil.
Behrens, J.
Studiens über die aufnahme und verwertung der pflanzennährstoffe. Zeitschr. Pflanzerenähr. Düng. u. Bodenk. A. Wiss.Teil. 11: 93-107. no.2/3.

Zeitschr. Pflanzenzücht. (Berlin)
Sartorius, O.
Ueber die wissenschaftlichen grundlagen der rebenselektion in reinen beständen. Zeitschr. Pflanzenzücht. 13: 79-86. Mr.1928. no.2.

Tavčar, A.
Zur frage der aussaatbemessung bei sortenversuchen mit winterweizen. Zeitschr. Pflanzenzücht. 13: 87-98. Mr.1928. no.2.

Züchtungskunde. (Gottingen)

Nilsson-Ehle, H.

Inzucht als zuchtungsmethode. Züchtungskunde. 3: 257-271. illus. Je.1928. no.6.

Exper. Stat. Publ.

Isbell, C.L.

Growth studies of the pecan. Alabama Agr. Exp. Stat. Bull. 226. 68 p. illus. Ap.1928.

Mowry, H.

Blueberry culture inFlorida. Florida Agr. Exp. Stat. Bull. 194. p.281-297. illus. F.1928.

Weber, G.F. & Foster, A.C.

Diseases of lettuce, romaine, escarole, and endive. Florida Agr. Exp. Stat. Bull. 198. p.303-333. Illus. Ap.1928.

McKibbin, R.R.

The effect of sulphur on soils and on crop yields. Maryland Agr. Exp. Stat. Bull.296. p.65-114. illus. Ja.1928.

Coons, G.H., Nelson, R. & Walker, E. A.

Celery blight control measures compared. Dusting and spraying tested in Kalamazoo experiments. Michigan Agr. Exp. Stat. Quart. Bull. 10: 172-175. My.1928. no.4.

Edmond, J.B.

Varieties of greenhouse tomatoes tested. Several new strains and varieties show promising results. Michigan Agr. Exp. Stat. Quart. Bull. 10: 187-190. My.1928. no.4.

Kotila, J.E.

Black scurf of potatoes is controlled by corrosive sublimate. Michigan Agr. Exp. Stat. Quart. Bull. 10: 184-186. My.1928. no.4.

Moore, H.C. & Wheeler, E.J.

Seed potato disease controls compared. Corrosive sublimate gives best results in 1927 experiments. Michigan Agr. Exp. Stat. Quart. Bull. 10: 163-165. My.1928. no.4.

Exper.Stat. Publ. (cont.)

Wedgworth, H.H., Neal, D.C. & Wallace, J.M.
Wilt and blossom-end rot of the tomato. Mississippi Agr. Exp.Stat. Bull. 247. 18 p. illus. D.1927 (Rec'd Je.1928)

Fromme, F.D.
The black rootrot disease of apple. Virginia Agr. Exp. Stat. Techn. Bull.34. 52.p. illus. Mr.1928.
Xylaria.

State Publications.

Muenscher, W.C.
Wild mustard and related weeds. Cornell Univ. Ext. Serv. Cornell Ext. Bull.168. 18 p. illus. Mr.1928.

Dormon, C.
Forest trees of Louisiana and how to know them. Bull.Louisiana Dept.Conserv. no.15. 94 p. illus. (1928)

McCubbin, W.A.
White pines and the blister rust. Bull. Pennsylvania Dept.Agr. v.11, no.3. 10 p. Mr.1928.

Reprints from Journals not yet rec'd or not available.

Asami, Y. & Hu, C.C.
Studies on the correlation between the size of the fruit and some characters in the Japanese pear. Reprinted from Journ.Sci.Agr.Soc. Tokyo. 303:55-56. 3 pl. F.5, 1928.

Komuro, H.
Ueber den ort der in dem wurzelspitzen-gewebe von Vicia faba gebildeten röntgengeschwulst. Reprinted from Gann, Nippon. Zeitschr. Krebsforsch. 22: 41-63. pl. vi-vii. 1928.
German résumé: 14 p.

Salgues, R.
La Station botanique de Brignoles. Reprinted from Ann.Soc.Hist.Nat. Toulon. 1926; 1-19. (1927)

BOTANY
CURRENT LITERATURE

ADDITIONS TO THE BOTANICAL CATALOGUE, BUREAU OF PLANT INDUSTRY,
COMPILED FROM PUBLICATIONS RECEIVED IN THE
LIBRARY OF THE UNITED STATES DEPARTMENT OF AGRICULTURE, WASHINGTON, D. C.

Vol. 10, no. 14. Je.25-Jl.7, 1928.

Acta Horti Bot. Latv. (Riga)

Bernstein, M.
Versuche über die lebensdauer der moossporen.
Acta Hort. Bot. Latv. 3: 33-38. 1928. no.1.

Graudina, A.
Rigas pilsētas kanala algu flora (Die algenflora des stadtkanals von Riga). Acta Hort. Bot. Latv. 3: 1-32. 1928. no.1.
German résumé: p.27-32.

Malta, N.
Cinclidotus danubicus augtene Daugavā (Der standort des Cinclidotus danubicus in der Daugava (Düna).
Acta Hort. Bot. Latv. 3: 47-54. illus. 1928, no.1.
German résumé: p.51-54.

Malta, N.
Das kritische Orthotrichum callistomum Fischer-Oester aus der Schweiz einem südostasiatischen typus angehörig. Acta Hort. Bot. Latv. 3: 55-60. illus. 1928. no. 1.

Malta, N.
Pottia randii Kenn. auch im Ostbaltischen gebiet gefunden. Acta Hort. Bot. Latv. 3:61-62. 1928. no.1.

Malta, N.
Zur verbreitung der gattung Ophioglossum und Botrychium in Lettland. Acta Hort. Bot. Latv. 3: 63-67. illus. 1928. no.1.

Acta Hort. Bot. Latv. (cont.)
Skuja, H.
Rhodochorton rothii (Turt.) Naeg. und Leptonema lucifugum Kuck. von den Waiku-riffen an der westseite der Insel Oesel. Acta Hort. Bot. Latv. 3: 39-46. pl.i. 1928. no. 1.

Agr. Nouvelle (Paris)
Gard, M.
Un nouveau traitement de l'apoplexie de la vigne. Agr. Nouvelle. 38: 368. illus. Je. 23, 1928. no.1517.

Amer. For. & For. Life. (Wash., D.C.)
Potter, M.S.
The trees of Mount Vernon - The nation's shrine. Amer. For. & For. Life. 34: 416-420. illus. Jl. 1928. no.415.

Weeks, G.F.
A Mexican industrial romance, the remarkable story of gyayule, a desert shrub with a high rubber content. Amer. For. & For. Life. 34: 411-413, 448. illus. Jl.1928. no.415.
Parthenium argentatum.

Amer. Journ. Bot.
Denny, F.E.
The importance of temperature in the use of chemicals for hastening the sprouting of dormant potato tubers. Amer. Journ. Bot. 15: 395-404. illus. Je.1928. no.6.

Fisher, M.J.
The morphology and anatomy of the flowers of the Salicaceae II. Amer. Journ. Bot. 15: 372-394. illus. Je.1928. no.6.

Gilbert, F.A.
A study of the method of spore germination in Myxomycetes. Amer. Journ. Bot. 15: 345-352. pl. xxi-xxii. Je.1928. no.6.

Sideris, C.P., Krauss, B.H. & Masunaga, E.
The effect of the salt concentration of the culture solution on the growth and composition of pineapple plants. Amer. Journ. Bot. 15: 353-371. illus. Je.1928. no.6.

Amer. Journ. Sci. (New Haven, Conn.)
Berry, E.W.
A miocene Paliurus from the state of Washington. Amer. Journ. Sci. V,16: 39-44. illus. Jl.1928. no.91.

Ann. Agr. Suisse. (Berne)
Faes, H.
Influence des conditions climatériques sur le développement des insectes et champignons parasites des cultures. Ann. Agr. Suisse. 29: 221-228. 1928. no.2.

Ann. Mycol. (Berlin)
Stevens, F.L.
The meliolineae II. Ann.Mycol. 26: 165-383. pl. ii-vi. 1928. no.3/4.

Ann. Rep. Dept. Sci. & Agr. Jamaica.
Smith, F.E.V.
Report of the government microbiologist [for the year ending D.31, 1927] Ann. Rep. Dept. Sci. & Agr. Jamaica. 1927: 18-19. 1928

Ann. Rep. Wisconsin State Cranberry Grow. Assoc.
Bain, H.F.
Storage losses in cranberries. Ann.Rep. Wisconsin State Cranberry Grow. Assoc. 41: 22-23. 1928.

Franklin, H.J.
False blossom. Ann. Rep. Wisconsin State Cranberry Grow. Assoc. 41: 10-17. 1928.

Arch. Rubbercult. Nederl.-Ind. (Batavia,Java)
Schweizer, J.
Over erysiphaceen (meeldauwschimmels) van Java. Arch. Rubbercult. Nederl.-Ind. 12: 323-342. illus. My.1928. no.5.
English summary (Concerning Erysiphaceae from Java): p.339-340.

Arch. voor Cacao.
Haan, J.Th.
De Loranthus-plaag in kapok-aanplantingen. Arch. voor Cacao. 2: 53-57. Ap.1928.
English summary (The Loranthus-plague in Kapok-plantations): p.61-62.

Arch. voor Cacao (cont.)

Steinmann, A.

Over de spinnewebschimmels van Java (in het bijzonder op Piper nigrum en Myristica fragrans) Arch. voor Cacao. 2: 43-47. plates. Ap.1928.

English summary (The occurrence of thread blights in Java (Especially on Piper nigrum and Myristica fragrans): p.58-59.

Steinmann, A.

Over het optreden van een zwarte wortelschimmel (Xylaria apiculata) op coca. Arch. voor Cacao. 2: 49-51. plates. Ap. 1928.

English summary (On the occurrence of a black root disease (Xylaria apiculata) on coca): p.60.

Beibl. Veröffentl. Geobot. Inst. Rübel.

Rübel, E.

The present state of geobotanical research in Switzerland. Beibl. Veröffentl. Geobot. Inst. Rübel. 4. 46 p. My.1928.

Bergcultures (Batavia)

Jacob, J.C.s'

Het gebruik van vliegtuigen bij het bestrijden van plantenziekten. De Bergcultures. 2: 1388-1392. illus. My.12,1928. no.46.

Ber. Deut.Bot. Ges. (Berlin)

Bachmann, E.

Die beziehungen der knochenfle chten zu ihrer unterlage. Ber. Deut. Bot. Ges. 46: 291-297. illus. My.1928. no.4.

Cholodny, N.

Ueber eine vermeintliche anomalie im wachstumsmodus der wurzeln von Lupinus albus. Ber. Deut. Bot. Ges. 46: 247-254. My.1928. no.4.

Finn, W.W.

Spermazellen bei Vinca minor und V. herbacea. Ber. Deut. Bot. Ges. 46: 235-246. illus., pl.v. My.1928. no.4.

Friesen, G.

Adventiv-infloreszenzen bei Bellis perennis als folge von verletzungen. Ber. Deut. Bot. Ges. 46: 281-284. pl.vi. My.1928. no.4.

Ber. Deut. Bot. Ges. (cont.)

Gemeinhardt, K.
Betiräge zur kenntnis der diatomeen. Ber. Deut. Bot. Ges. 46: 285-290. My.1928. no.4.

Gistl, R.
Gestalt und lage der ersten teilungswand in sporen von Equisetum, in lösungen von verschiedenem osmotischen druck kultiviert. Ber. Deut. Bot. Ges. 46: 254-266. illus. My. 1928. no.4

Lippmaa, T.
Ueber pigmenttypen und ihre bedeutung für die anthocyaninfrage. Ber. Deut. Bot. Ges. 46: 267-277. My.1928. no.4.

Pringsheim, E. G.
Algen-reinkulturen. Ber. Deut. Bot. Ges. 46: 216-219. My.1928. no.4.

Schaede, R.
Ueber ein phlobaphen in den wurzeln der platane. Ber. Deut. Bot. Ges. 46: 298-300. My.1928. no.4.
Platanus acerifolia.

Tobler, F.
Zur kenntnis der flechtensymbiose und ihrer entwicklung. I-II. Ber. Deut. Bot. Ges. 46: 220-234. col.pl.iv. My.1928. no.4.
I. Beobachtungen und versuche an Baeomyces roseus
II. Zur phylogenie und systematik von Baeomyces.

Widder, F.J.
Ueber eine missbildung des blütenstandes von Chrysanthemum leucanthemum Linné, Ber. Deut. Bot. Ges. 46: 278-280. illus. My.1928. no.4.
C. leucanthemen f. proliferum.

Ber. Ohara Inst. Landw. Forsch. (Kuraschiki)

Kondo, M.
Ueber die in der landwirtschaft Japans gebrauchten samen VII. Ber. Ohara Inst. Landw. Forsch. 3: 457-495. illus. 1928. no.5.

Better Fruit. (Portland, Ore.)

Diehl, H.C.
Suggestions derived from spray residue removal experiences of 1927 season. Better Fruit. 22(12): 13-14, 18-19. Je.1928.

Better Fruit, (cont.)

Hartman, H.
Spray residue removal in relation to the keeping quality of apples and pears. Better Fruit. 22(12): 10-11, 28-30, 36. Je. 1928.

Heald, F.D., Neller, J.R. & Overly, F.L.
Spray residue removal from Washington apples and pears during 1927 season. Better Fruit. 22(12): 15-17, 32. Je.1928.

Magness, J.R.
The removal of spray residue from fruit. Better Fruit. 22(12): 7-8, 20. Je.1928.

Biull. Sredne-Aziat. Gosudarstv.Univ. (Bull. Univ. Asie Centr. (Tashkent)

Drobov, V.P.
... Die vergessene art Halimocnemis laricifolia Turcz. Biull. Sredne-Aziat. Gosudarstv. Univ. (Bull. Univ. Asie Centr.) 16: 207-212. illus. 1927. (Rec'd My.1928)
Russian with German summary.
H. laricifolia = Salsola laricifolia, describes also S.arbuscula & S.arbusculaeformis.

Kozlova, F.I.
... Ein hybrid zwischen der wilden melone (Cumcumis trigonus Rof.) und der "tarra" (Cumcumis melo var. flexuosus Naud.) Biull.Sredne-Aziat. Gosudarstv.Univ. (Bull. Univ. Asie Centr.) 16: 155-168. illus. 1927. (Rec'd My.1928)
Russian with German summary.

Mokeeva, E.A.
...Vergleichende anatomie einiger verwandten Umbelliferae. Biull. Sredne-Aziat.Gosudarstv. Univ. (Bull. Univ. Asie Centr.) 16: 187-206. pl.viii-ix. 1927. (Rec'd My.1928)
Scaligeria, Oedibasis, Muretia.
Russian with German summary.

Raikova, H.A.
... On the culture of sandy plants in Tashkent's conditions. Biull. Sredne-Aziat. Gosudarstv. Univ. (Bull. Univ. Asie. Centr.) 16: 235-253. 1927. (Rec'd My.1928)
Russian with English summary.

Bot.Gaz. (Chicago)

Aslander, A.
Note on the decomposition of sodium cyanide.
Bot.Gaz. 85: 462-463. Je.1928. no.4.
In connection with investigations on herbicides.

Bourn, W.S. & Jenkins, B.
Rhizoctonia disease on certain aquatic plants.
Bot.Gaz. 85: 413-426. illus., pl.xi-xiv. Je. 1928. no.4.

Downie, D.G.
Male gametophyte of Microcycas calocoma. Bot. Gaz. 85: 437-450. pl. xix-xxi. Je.1928. no.4.

Gates, F.C.
Nutation in Pinus sylvestris. Bot. Gaz. 85: 451-456. illus. Je.1928. no.4.

Haas, A.R.C. & Halma, F.F.
Physical and chemical characteristics of expressed citrus leaf sap and their significance. Bot. Gaz. 85: 457-461. Je, 1928. no.4.

Hayward, H.E.
Studies of plants in the Black Hills of South Dakota. Bot. Gaz. 85: 353-412. illus. Je.1928. no.4.

Pfeiffer, N.E.
Anatomical study of plants grown under glasses transmitting light of various ranges of wave lengths. Bot. Gaz. 85: 427-436. pl.xv.-xviii. Je.1928. no.4.

Bot. Mag. Tokyo.

Ikari, J.
On some Chaetoceras of Japan. II. Bot. Mag. Tokyo. 42: 247-262. illus. My.1928. no.497.

Kazao, N.
Cytological studies on Iris (Preliminary note) Bot. Mag. Tokyo. 42: 262-266. illus. My. 1928. no.497.
English summary: p.266.

Kimura, A.
Ueber Toisusu, eine neue salicaceen-gattung und die systematische stellung derselben. Bot. Mag. Tokyo. 42: 287-290. My.1928. no.497.

Bot. Mag. Tokyo. (cont.)

Ohki, K.

On the systematic importance of the spodagrams of the leaves of the Bambusaceae II. Bot. Mag. Tokyo. 42: 270-278. My.1928. no.497.

Ono, T. & Shimotomai, N.

Triploid and tetraploid intersex of Rumex acetosa L. Bot. Mag. Tokyo. 42: 266-270. illus. My.1928. no.497.

English summary: p.269-270.

Botaniste (Paris)

Dangeard, P.

Contribution à la connaissance du cycle de l'iode chez les algues marines. Botaniste. 20: 69-115. Je.1928. no.3.

Bull. Agr. Alg.-Tun.-Maroc. (Alger)

Card, M.

Pourridié du noyer cultivé et carbonate de chaux. Bull. Agr. Alg.-Tunisie-Maroc. II, 34: 91-93. My.1928. no.5.

Bull. Cl. Sci. Acad. Roy. Belg. (Bruxulles)

Homés, M.

Développement des feuilles et des tentacules chez "Drosera intermedia Hayne" Comportement du vacuome. Bull. Cl. Sci. Acad. Roy. Belg. V,14: 70-88. 4 pl. 1928. no.1/2.

Bull. Jard. Bot. Buitenzorg.

Berger, L.G.den.

Beiträge zur kenntnis der anatomie des sekundären holzes der niederländisch Indischen baumarten I- Bull. Jard. Bot. Buitenzorg. III, 9: 223-248. pl.9-12. My.1928. no.3/4.

Danser, B.H.

The Nepenthaceae of the Netherlands Indies. Bull. Jard. Bot. Buitenzorg. III, 9:249-438. illus. My.1928. no.3/4.

Smith, J.J.

Notizen aus Reichenbachs orchideenherbar II. Bull. Jard. Bot. Buitenzorg. III, 9:483-492. My.1928. no.3/4.

Bull. Jard. Bot. Buitenzorg. (cont.)
Smith, J.J.
Orchidaceae buruenses. Bull. Jard. Bot. Buitenzorg. III, 9: 439-481. My.1928. no.3/4.

Bull. Jard. Bot. Etat. Bruxelles.
Robyns, W.
Tentamen monographiae Vangueriae, generumque affinium. Bull. Jard. Bot. Etat. Bruxelles. 11: 1-154. illus. My.1928. no.1.

Bull. Misc. Inform. Kew. (London)
Dandy, J.E.
Malayan magnolieae. Bull. Misc. Inform. Kew. 1928: 183-193. no.5.

Greenway, P.L.
Notes on the forest flora of south central Africa. Bull. Misc. Inform. Kew. 1928: 193-208. illus., pl. ii. no.5.

Sampson, H.C.
Cover crops in tropical plantations. Bull. Misc. Inform. Kew. 1928: 161-183. no.5.

Bull. Peking Soc. Nat. Hist.
Liu, J.C.
Remarks on the mistletoe (Viscum) Bull. Peking Soc. Nat. Hist. 2: xl-xli. illus. [1928]

Bull. Soc. Bot. France. (Paris)
Allorge, P.
Sur quelques plantes rares ou intéressantes de Galice I- Bull. Soc. Bot. France. 74: 947-952. F.1928 (Rec(d Jl.) no.9/10.

Benoist, R.
Acanthacées nouvelles asiatiques. Bull. Soc. Bot. France. 74: 907-912. F.1928 (Rec'd Jl.) no.9/10.

Blaringhem, L.
Sur l'hérédité du sexe chez une lignée pyrénéenne de Silene italica Pers. Bull. Soc. Bot. France. 74: 913-947. F.1928 (Rec'd Jl.) no.9/10.

Camus, A.
Perulifera, genre nouveau de la tribu des Boivinelleae. Bull. Soc. France. 74: 889-893. illus. F.1928 (Rec'd Jl.) no.9/10.
Perulifera madagascariensis, nov.sp.

Bull. Soc. Bot. France. (cont.)

Cejp, C.
Sur des anomalies intéressantes des fleurs des Iris et des Crocus. Bull. Soc. Bot. France. 74: 879-901. illus. F.1928(Rec'd Jl.) no.9/10.

Chemin, E.
Sur le développement des spores d'Actinococcus peltaeformis Schm. et la signification biologique de cette algue. Bull. Soc. Bot. France. 74: 912-920. illus. F.1928 (Rec'd Jl.) no.9/10.

Chevalier, A.
Notes sur quelques Acacia africains. Bull. Soc. Bot. France. 74: 953-960. illus. F.1928. (Rec'd Jl.) no.9/10.
Acacia chariensis, sp.nov.

Conill, L.
A propos de localités de plantes nouvelles pour la Cerdagne. Bull. Soc. Bot. France. 74: 961-963. F.1928 (Rec'd Jl.) no.9/10.

Cugnac, A.de.
Observations sur quelques pélories de Viola hirta L. Bull. Soc. Bot. France. 74: 869-886. illus. F.1928.(Rec'd Jl.) no.9/10.

Dismier, G.
Note sur la présence de deux hépatiques intéressantes et nouvelles pour la forêt de Fontainebleau: Lepidozia silvatica Ev. et Alicularia geoscypha De Not. Bull. Soc. Bot. France. 74: 886-889. F.1928 (Rec'd Jl.) no.9/10.

Guillaumin, A.
Matériaux pour la flore de la Nouvelle-Calédonie. XXIV. Révision des asclépiadacées. Bull. Soc. Bot. France. 74: 924-930. F.1928 (Rec'd Jl.1928) no.9/10.
Marsdenia nigriflora, M. raouilii, Sarcolobus lifuensis. n.sp.

Jouanne, P.
Essai de géographie botanique sur les forêts de l'Aisne (cont.) Bull. Soc. Bot. France. 74: 858-869. F.1928 (Rec'd Jl.) no.9/10.

Jovet, P.
Remarques sur quelques plantes du Valois II. Bull. Soc. Bot. France. 74: 930-942. F.1928. (Rec'd Jl.) no.9/10.

Bull. Soc. Bot. France. (cont.)

Lemesle, R.

De l'existence d'un liège intraligneux chez une labiée (Hymenocrater bituminosus Fisch. et Mey.) Bull. Soc. Bot. France. 74: 904-907. illus. F.1928 (Rec'd Jl.) no.9/10.

Maheu, J.

Abel Gillet (1857-1927). Bull. Soc. Bot. France. 74: 902-904. F.1928 (Rec'd Jl.) no.9/10.

Liste des travaus publiés par Abel Gillet: p.904.

Rodriguez, L.

Contribution à la flore du Guatémala (cont.) Bull. Soc. Bot. France. 74: 920-924. F.1928. (Rec'd Jl.) no.9/10.

Trabut, L.

Le Juncus depauperatus de Tenore. Bull. Soc. Bot. France. 74: 893-896. illus. F.1928. (Rec'd Jl.) no.9/10.

Bull. Soc. Chim. Biol. (Paris)

Karasiewicz, St.

Sur l'influence du carbonate de sodium et du chlorure de calcium surr l'acidité du suc du mais. II. Résultats et conclusions. Bull. Soc. Chim. Biol. 10: 702-713. My.1928. no.5.

Bull. Trim. Off. Rég. Agr. Midi France.

Dufrenoy, J.

Recherches relatives aux dépérissements des arbres fruitiers. Bull. Trim. Off. Rég. Agr. Midi. 1928: 94-96. Ap.1928. no.26.

Verticillium.

La Cellule. (Lierre, Belgium)

Martens, P.

Le cycle du chromosome somatique dans les phanérogames III, Recherches expérimentales sur la cinèse dans la cellule vivante. La Cellule. 38: 69-174. pl. 1928. no.1.

Mol, W.E.de.

Nucleolar number and size in diploid, triploid, and aneuploid hyacinths. La Cellule. 38: 7-64. 3 pl. 1928. no.1.

La Cellule. (cont.)

Robyns, W.

L'origine et les constituants protoplasmatiques des cellules à raphides du Hyacinthus orientalis. La Cellule. 38: 177-191. pl.1928. no.1.

Compt. Rend. Acad. Sci. Paris.

Bougault, J.

Nouvelles recherches sur les étholides des cires de conifères. Compt. Rend. Acad. Sci. Paris. 186: 1746-1748. Je.18,1928. no.25.

Chaussin, J.

Étude du milieu intérieur dans les différents organes de la pomme de terre au cours du développement. Compt. Rend. Acad. Sci. Paris. 186: 1649-1651. Je.11, 1928. no.24.

Maige, A.

Conditions physiologique de la réaction amylogène unicoculaire ou pluriloculaire des plastes. Compte. Rend. Acad. Sci. Paris. 186: 1644-1646. Je.11, 1928. no.24.

Maire, R.

La végétation et la flore du Hoggar. Compt. Rend. Acad. Sci. Paris. 186: 1680-1682. Je.18, 1928. no.25.

Central Sahara.

Mascré, M.

Sur le tapis staminal et le grain de pollen de l'Arum maculatum L. Compt. Rend. Acad. Sci. Paris. 186: 1642-1644. Je.11,1928. no.24.

Compt. Rend. Soc. Biol. Paris.

Dufrénoy, J.

Modifications de l'appareil vacuolaire des feuilles de Magnolia glauca parasitées par un Phomopsis. Compt. Rend. Soc. Biol. Paris. 99: 128-130. illus. Je.15, 1928. no.20.

Nadson, G. & Rochline, E.

Sur la transformation des grains d'amidon en cristaux d'oxalate de calcium dans les cellules végétales sous l'action des rayons ultraviolets. Compt. Rend. Soc. Biol. Paris. 99: 131-133. illus. Je.15, 1928. no.20.

Compt. Rend. Soc. Biol. Paris. (cont.)
Thielman, M. & Berzine, L.
Sur la valeur osmotique des cellules végétales dans les cultures. Compt. Rend. Soc. Biol. Paris. 99: 87-89. Je.8,1928. no.19.

Compt. Rend. Soc. Phys. & Hist. Nat. Genève.
Chodat, R. & Evard, H.
Sur la répartition et la localisation de la tyrosinase chez lês végétaux supérieurs. Compt. Rend. Soc. Phys. Hist. Nat. Genève. 45: 52-54. Ja./Mr. 1928. no.1.

Chodat, R. & Senglet, A.
Sur le sapécage du maté et la présence de ferments dans l'Ilex paraguariensis. Compt. Rend. Soc. Phys. Hist. Nat. Genève. 45: 55-58. Ja./Mr. 1928. no.1.

Jaag, O.
Nouvelles recherches sur les gonidies des lichens. Compt. Rend. Soc. Phys. Hist. Nat. Genève. 45: 28-32. Ja./Mr. 1928. no.1.

Schopfer, W.H.
Recherches sur le dimorphisme sexuel biochimique. Compt. Rend. Soc. Phys. Hist. Nat. Genève. 45: 14-18. Ja./Mr. 1928. no.1.
I. Etude de la carotine de Mucor hiemalis. II. Etablissement d'une courbe d'absorption de substances.

Coton. & Cult. Coton. (Paris)
Heim de Balsac, F, Heim de Balsac, H.
Contribution a l'étude botanique des cotonniers. Atlas iconographique du cotonnier. Coton. & Cult. Coton. 3(1): 67-72. pl. 13-15. My.1928.

Country Gentleman (Philadelphia)
McHatton, T.H.
Fragrant gardens of the south. Broad-leaved evergreens yield perfume the year round. Country Gentleman. 93(7): 24, 58. illus. Jl.1928.

Ecology. (Brooklyn, N.Y.)
Braun, E.L.
Glacial and post-glacial plant migrations indicated by relic colonies of southern Ohio. Ecology. 9: 284-302. illus. Jl.1928. no.3.

Ecology (cont.)

Johnson, D.S. & Skutch, A.F.
Littoral vegetation on a headland of Mt. Desert Island, Maine. II. Tide-pools and the environment and classification of submersible plant communities. Ecology. 9: 307-338. pl. xvi-xvii. Jl. 1928. no.3.

McDougall, W.B. & Penfound, W.T.
Ecological anatomy of some decidous forest plants. Ecology. 9: 349-353. pl. xix. Jl.1928. no.3.

Nichols, G.E.
Plant ecology. Ecology. 9: 267-270. Jl. 1928. no.3.

Taylor, W.R.
Alpine algal flora of the mountains of British Columbia. Ecology. 9:343-348. pl. xviii. Jl. 1928. no.3.

Floralia. (Assen, Netherlands)

Schenk, P.J.
Zwartbeenigheid van de aardappel. Floralia. 49: 379-380. illus. Je.15, 1928. no.24.
Bacillus atrosepticus.

Flor. Rev. (Chicago)

Ball, G.J.
Orchids from seed at Los Angeles range. Flor. Rev. 62(1595): 27-30. illus. Je.21, 1928.

Fortschr. Landw. (Vienna)

Pammer, F.
Osmotische und saugkraftmessungen VII. Gräser und leguminosen. Fortschr. Landw. 3: 441-448. My.15, 1928. no.10.

Forstw. Centralbl. (Berlin)

Bogl, R.J.
Der lichtungsbetrieb. Forstw. Centralbl. 50: 361-374. Je.1, 1928. no.11.

Gard. Chron. (London)

Cayley, D.M.
"Breaking" in tulips. Gard. Chron. III, 83: 435-436. illus. Je.16,1928. no.2164.

Darnell, A.W.
The genus Primula (cont.) Gard. Chron. III, 83: 436, 454. Je.16,23, 1928. no. 2164.

Friend, H.
Ideal gardens and plant lore. The flower-shafts of Kama. Gard. Chron. III, 83: 452. Je.23, 1928. no.2165.

Todd, E.
A revision of Biolas (cont.) Gard. Chron. III, 83: 454. Je.23, 1928. no.2165.

Ward, F.K.
Mr. F. Kingdon Ward's tenth expedition in Asia. II. Japoo. Gard. Chron. III, 83: 450-451. illus. Je.23, 1928. no.2165.

Gartn.-Tid. (Kobenhavn)

Weber, A.
Nogle ernaeringsfejl hos tomater. Gartn.-Tid. 44: 321-325. Je.19, 1928. no.25.

Hedwigia. (Dresden)

Anders, Jos.
Untersuchungen über mycoblastus sanguinarius (L.) Norm., Mycobl. alpinus (Fr.) Kernst. und Mycobl. melinus (Krplh.) Hellb. Hedwigia. 68: 87-92. My.1928. no.1/2.

Bachmann, E.
Hexenbesenbildung bei Cladonia amaurocraea (Flrk.) Schaer. Hedwigia. 68: 5-10. illus. My. 1928. no.1/2.

Gyelnik, V.
Peltigera-daten. Hedwigia. 68: 1-4. My. 1928. no.1/2.
Peltigera mauritzi, P. mexicana, n.sp.

Hruby, J.
Die pilze Mahrens und Schlesiens. Ein versuch der gliederung der pilzdecke dieser lander. Hedwigia. 68: 119-160. My.1928. no.1/2.

Hedwigia, (cont.)

Lewin, L.
Ueber einige im Bergell gesammelte pilze. Hedwigia. 68: 15-18. My.1928. no.1/2.

Migula, W.
Die desmidiaceen zweier hochmoore bei Oberstdorf im Allgäu. Hedwigia. 68: 11-14. My. 1928. no.1/2.

Schiller, J.
Ulva curvata Kütz und Porphyra linearis Grev. zwei für Helgoland neue meeresalgen. Hedwigia. 68: 115-118. illus. My.1928. no.1/2.

Schmidt, O.C.
Verzeichnis der meeresalgen von Neu-Guinea und westlichen oceanien. Hedwigia. 68: 19-86. My.1928. no.1/2.

Schroder, B.
Zellpflanzen Ostafrikas gesammelt auf der akademischen studienfahrt 1910. Hedwigia..68: 93-114. illus., 2 pl. My.1928. no.1/2.

Hereditas (Lund)

Beckman, I.
Kreuzungsuntersuchungen an Delphinium orientale. Hereditas. 11: 107-128. My.1928. no.1.

Tedin, H. & Tedin, O.
Contributions to the genetics of Pisum V. Seed coat color, linkage and free combination. Hereditas. 11: 1-62. pl. 1. My.1928. no. 1.

Hilgardia. (Berkeley, Cal.)

Borthwick, H.A. & Robbins, W.W.
Lettuce seed and its germination. Hilgardia. 3: 275-289. 8 pl. My.1928. no.11.

Severin, H.H.P.
Transmission of tomato yellows, or curly top of the sugar beet, by Eutettix tenellus (Baker). Hilgardia. 3: 251-271. illus., 2 pl. My. 1928. no. 10.

Hoppe-Seyl. Zeitschr. Phys. Chem. (Berlin)

Abderhalden, E. & Möller, P.

Fortgesetzte studien über das verhalten von polypeptiden und von derivaten von solchen gegenüber verdünntem alkali und verdünnter säure. VII. Weitere versuche mit in der aminogruppe substituierten polypeptiden. Hoppe-Seyl. Zeitschr. Phys. Chem. 176: 207-216. Je.1928. no.3/5.

Friedrich, A.

Zur kenntnis des lignins IV. Ueber lösliches fichtenholzlignin verschiedener darstellungsart Hoppe-Seyl. Zeitschr. Phys. Chem. 176: 127-143. Je. 1928. no.3/5.

Kertész, Z.I.

Ueber die entwicklung der mutasewirkung in keimender gerste. Hoppe-Seyl. Zeitschr. Phys. Chem. 176: 144-150. Je.1928. no.3/4.

Vahlteich, H.W.

Ueber die einwirkung des pepsins von pflanzen- und fleischfressern auf pflanzliche und tierische eiweisskörper. Hoppe-Seyl. Zeitschr. Phys. Chem. 176: 222-230. Je.1928. no.3/5.

Hort. Illus. (Boston)

Wilson, E.H.

The dove tree in America. Hort. Illus. 6: 323-324. illus. Jl.1, 1928. no.13.

Davidia.

House & Gard.(Greenwich, Conn.)

Wilson, E.H.

Worthy elms of various kinds. House & Gard. 54(1): 78-79, 116,118, 122. illus. Jl.1928.

Hygeia.

Wodehouse, R.P.

Early summer hay-fever. Hygeia. 6: 345-349. illus. Je.1928. no.6.

Industr. & Engin. Chem. (Easton, Pa.)

Johnson, M.O.

Control of chlorosis of the pineapple and other plants. Industr. & Engin. Chem. 20: 720-722. illus. Jl. 1928. no.7.

Intern. Sugar Journ. (London)
Thomas, R.
A method of studying the roots of sugar cane.
Intern. Sugar Journ. 30: 298-300. illus. Je.
1928. no.354.

Iowa State Coll. Journ. Sci. (Ames, Ia.)
Castetter, E.F.
Species crosses in the genus Cucurbita.
Iowa State Coll. Journ. Sci. 2: 219-227. Ap.
1928. no.3.

Journ Agr. Prat. (Paris)
Moreau, F. & Dusseau, A.
L'hérédité des caractères fluctuants dans les
lignées pédigrees du blé, Journ. Agr. Prat.
n.s., 49: 477-478. Je.16, 1928. no.24.

Journ. Chem. Soc. Japan.
Arima, J.
Constituents of the root of Euphorbia pekinensis.
I- Journ. Chem Soc. Japan. 49: 252-260.
My.1928. no.5.
Text in Japanese.

Journ. Dept. Agr. Victoria. (Melbourne)
Fish, S.
Scab or shot hole of apricots. Control experiments
in the Goulburn Valley. Progress report for 1927.
Journ. Dept. Agr. Victoria. 26: 310-312. My.1928.
no.5.

Journ. Helminth. (London).
Miles, H.W.
On the control of the root knot eelworm, Hetero-
dera radicicola Mill. Journ. Helminth. 6: 59-76.
pl. Je.1928. no.2.

Journ. Linn. Soc. Bot. (London)
Brown, N.E.
The South African Iridaceae of Thunberg's herba-
rium. Journ. Linn. Soc. Bot. 48: 15-55. Ap.1928.
no.319.

Howarth, W.O.
The genus Festuca in New Zealand. Journ.
Linn. Soc. Bot. 48: 57-77. illus. Ap.1928. no.319.

Journ. Linn. Soc. Bot. (cont.)

Leclercq, S. & Béllière, M.

Psygmophyllum gilkineti, sp.n., du Dévonien moyen à facies old red sandstone de Malonne (environs de Namur, Belgique). Journ. Linn. Soc. Bot. 48: 1-14. 3 pl. Ap.1928. no.319.

Kranke Pflanze. (Dresden).

Esmarch, F.

Der mehltau des getreides. Kranke Pflanze. 5: 80-81. My./Je. 1928. no.5/6.

Landbouw Tijdschr. Vereen. Landb. Nederl.-Indie. (Buitenzorg)

Goot, P.van der.

De gevaren van onoordeelkundige gebruik van kunstmest in verbrand met de slijmziekte der aardappels. Landbouw. Tijdschr. Vereen. Landb. Nederl.-Indie. 3: 723-742. My. 1928. No.11.

English summary (The danger of indiscriminate use of artificial fertilizers in connection with the slime-disease of potatoes): p.741-742.

Bacillus solanacearum.

Landtm. Tids. Landtm. (Stockholm)

Lindfors, Th.

Bekämpa potatisbladmöglet genom besprutning.- Landtm. Tids. Landtm. 11:491-493. illus. Je.16,1928. no.24.

Landw. Jarhb. (Berlin).

Blohm, G.

Die bewertung der qualität im weizen-anbau und-absatz der U.S.A. Landw. Jahrb. 67: 711-740. 1928. no.5.

Kross, W.

Weitere untersuchungen über die Neubauersche keimpflanzenmethode. Landw. Jahrb. 67: 629-662. illus. 1928. no.5.

Liesegang, H.

Untersuchungen über den nährstoffverbrauch und den verlauf der nahrungsaufnahme verschiedener gemüsearten. Landw. Jahrb. 67: 663-698. 1928. no.5.

Vasters, J.

Die bedeutung des getreidehalms als züchterisches leistungskennzeichen. Landw. Jahrb. 67: 699-710. 1928. no.5.

Leafl. Dept. Agr. Irish Free State (Dublin)
Irish Free State - Department of agriculture.
Celery leaf-spot disease or blight. Its. Leafl. 5. 5 p. plates. Mr.1928.

Irish Free State - Department of agriculture.
Leaf-roll and mosaic diseases of the potato. Its Leafl. 29. 7 p. plates. Ap. 1928.

Irish Free State - Department of agriculture.
Some fungus diseases of root crops. Its. Leafl. 71. 12 p. illus. Mr. 1928.
Diseases of turnips, swedes, mangels & sugar beet.

Irish Free State - Department of agriculture.
Weeds. Its Leafl. 97. 8 p. Ja.1928.

Maine Naturalists (Augusta, Me.)
Lowe, R.L.
Notes on Milbridge mosses. Maine Naturalist. 8: 51. Je. 1928. no.2.

Norton, A.H.
Pottia randii Kennedy at Matinicus, Maine. Maine Naturalist. 8: 52. Je. 1928. no.2.

Matières Grass. (Paris)
Pieraerts, J.
Contributions à l'étude chimique des Malvales IV. Quelques tiliacées indigènes ou introduites au Congo-Belge, à titre d'oléagineux. Matières Grass. 20: 8194-8198. Je.15, 1928. no.242.

Meld. Norges Landbruks. (Oslo)
Bremer, A.H.
Bløytt eller ubløytt frø (Soaked or not soaked seed). Meld. Norges Landbruks. 8: 108-122. 1928. no.2.
English summary: p.121-122.

Missouri Bot. Gard. Bull. (St. Louis)
Check-list of the ferns and flowering plants indigenous to the Missouri botanical garden extension, Gray Summit, Missouri (cont.) Missouri Bot. Gard. Bull. 16: 83-91. Je. 1928. no.6.

Missouri Bot. Gard. Bull. (cont.)
Notable St.Louis gardens. II. The garden of Mr. Albert G. Ulrich. Missouri Bot. Gard.Bull. 16: 80-83. pl.26-27. Je.1928 no.6.

Mitt. Biol. Reichanst. Forst. u. Lande. (Berlin)
Klapp, E.
Studien über Deutsche kartoffelsorten. Mitt. Biol. Reichsanst. Land. u. Forstw. 35. 291 p illus. F. 1928.

Schneider, G., Schlumberger, O. & Snell, K.
Versuchsergebnisse auf dem gesamtgebiete des kartoffelbaus in den jahren 1923-1926. Mitt. Biol. Reichsanst. Land. u. Forstw. 36. 125 p. Ja.1928.
Krankheiten und ihre bekämpfung: p.102-110.

Mitt. Deut. Landw. Ges. (Berlin)
Schlumberger, O.
Die möglichkeit der feststellung des pflanzwertes an der kartoffelknolle. Mitt.Deut. Landw. Ges. 43: 533-537. Je.9, 1928. no.23.

Möller's Deut.Gärtn.-Zeit.
Beck, A.
Verhütung und bekämpfung der an den treibgurkenpflanzen auftretenden pilz-oder fleckenkrankheiten. Möllers. Deut. Gärtn.-Zeit. 43: 195-196. Je.11, 1928. no.17.

Mycologia
Dearness, J.
New and noteworthy fungi V. Mycologia. 20: 235-246. Jl./Ag.1928. no.4.

Dodge, B.O.
Unisexual conidia from bisexual mycelia. Mycologia. 20: 226-234. illus. Jl./Ag. 1928. no.4.
Neurospora tetrasperma.

Miller, J.H.
Biologic studies in the Sphaeriales I- Mycologia. 20: 187-213. illus., pl.21-22. Jl./Ag. 1928. no.4.

Mycologia. (cont.)

Rand, F.V.
Erwin F. Smith. Mycologia. 20: 181-186. port. Jl./Ag. 1928. no.4.

Seaver, F.J.
Studies in tropical Ascomycetes V. Species of Phyllachora. Mycologia. 20: 214-225. pl.23-28. Jl./Ag. 1928. no4.
Phyllachora amyridicola, P. amyridis, P. pennellii, P. zanthoxylicola, sp.nov.

Natur. u. Mus. Ber. Senckenb. Naturf. Ges. (Frankfurt a.M.)

Eberle, G.
Der kartoffelkrebs. Natur. u. Mus., Ber. Senckenb. Naturf. Ges. 58: 125-131. illus. Mr. 1928. no.3.

Naturforsch. (Berlin)

Fischer, H.
Der begriff der pflanzen-metamorphose einst und jetzt. Der Naturforsch. 5: 122-127. Je.1928. no.3.

Lafrentz, K.
Botanische steifzüge durch die landschaften des Mexikanischen hochlandes. Der Naturforsch. 5: 105-115. pl.18-20. Je.1928. no.3.

New Jersey State Hort. Soc. News. (New Brunswick, N.J.)

Blake, M.A. & Farley, A.J.
The Elberta and its near kin lack hardiness. New Jersey State Hort. Soc. News. 9: 234. Je.1928. no.2.

Blake, M.A.
Peach fruits must grow at certain rate or drop. New Jersey State Hort. Soc. News. 9: 233-234. illus. Je. 1928. no.2.

Blake, M.A.
Some facts about the hardiness of tree fruits. New Jersey State Hort. Soc. News. 9: 231-232, 235. illus. Je.1928. no.2.

New Zeal. Journ. Agr. (Wellington)

Levy, E. B.
The grasslands of New Zealand. Grasses and clovers for hill country (cont.) New Zeal. Journ. Agr. 36: 297-315. illus. My.1928. no.5.

Notizbl. Bot. Gart. Berlin.

Burret, M.
Eine neue art der palmengattung Pelagodoxa Becc. aus der Südsee. Notizbl. Bot.Gart. Berlin. 10: 286-288. illus. Mr. 1928. no.93.
Pelagodoxa mesocarpa, n.sp.

Burret, M.
Die palmengattungen Oenocarpus Mart. und Jessenia Karst., nebst bemerkungen zu Archontophoenix H. Wendl. et Drude (einschliesslich Loroma O.F.Cook) Notizbl. Bot. Gart. Berlin. 10: 291-312. Mr. 1928. no.93.

Diels, L.
Die arten von Roridula L. Notizbl. Bot. Gart. Berlin. 10:283-285. Mr.1928. no.93.

Diels, L.
Plantae peekelianae papuanae. Notizbl. Bot. Gart. Berlin. 10: 273-282. Mr. 1928. no.93.

Fries, R.E. & Fries, Th.C.E.
Beitrage zur kenntnis der flora des Kenia, Mt. Aberdare und Mt.Elgon XI. Notizbl. Bot. Gart. Berlin. 10: 266-272. Mr.1928. no.93.

Harms, H.
Bromeliaceae novae. Notizbl. Bot. Gart. Berlin. 10: 211-221. Mr. 1928. no.93.

Krause, K.
Zur synonymik einiger Stemona-arten. Notizbl. Bot Gart. Berlin. 10: 289-290. Mr. 1928. no.93.

Mansfeld, R.
Eine neue Alphitonia ausPapuasien. Notizbl. Bot. Gart. Berlin. 10:222-224. illus. Mr. 1928. no.93.

Mildbraed, J.
Plantae tessmannianae peruvianae VII. Notizbl. Bot. Gart. Berlin. 10: 225-248. Mr. 1928. no.93.

Pilger, R.
Ueber Chamaeraphis R.Br. Notizbl. Bot. Gart. Berlin. 10: 207-210. Mr.1928. no.93.
Chamaeraphis, Pseudoraphis.

Notizbl. Bot. Gart. Berlin. (cont.)
Werdermann, E.
Ein botanischer ausflug in die hochanden der Provinz Atacama in Nordchile. Notizbl. Bot. Gart. Berlin. 10:249-265. no.93. Mr. 1928.

Nut Grow.
Smith, J.R.
Some observations with reference to nut bearing trees in distant lands. Nut Grow. 4(10): 1-3. Je. 1928.
On the Persian walnut.

Ohio Journ. Sci. (Columbus)
Osborn, H.
Professor Bruce Fink. Ohio Journ. Sci. 28: 139. My.1928. no.3.

Parfums France. (Grasse)
Establissements Antoine Chiris - Service de documentation.
L'iris. Parfums. France. 6: 123-140. illus., col.pl. My.1928. no.63.

Pharm. Journ. (London)
Hirst, H.M.
Scarborough herb garden: report for 1927. Pharm. Journ. IV,66: 585-586. Je.23, 1928. no. 3373.

Holmes, E.M.
The Natal aloe plant. Pharm. Journ. IV,66: 562-563. illus. Je.16,1928. no.3372.
Aloe candelabrum.

Philipp. Agr. (Los Banos)
David, P.A.
Introduced coffees lose resistance to the rust fungus Hemileia vastatrix Berkeley and Broome. Philipp. Agr. 17: 45-49. Je. 1928. no.1.

Palisoc, E.
Comparative nutritive values of different salts of ammonium. Philipp. Agr. 17: 37-43. Je. 1928. no.1.
Rice experiments.

Proc. Biol. Soc. Wash.

St.John, H.

A revision of the loco-weeds of Washington. Proc. Biol. Soc. Washington. 41: 97-106. Je.29, 1928

Oxytropis columbiana, O. mazama, O. okanoganea, O. olympica, O.cascadensis, n.sp.

Proc. Roy. Soc. Queensl.

Bancroft, T.L.

Flagellates in certain Queensland plants. Preliminary notes. Proc. Roy. Soc. Queensl. 39: 22. F.1928.

Danser, B.H.

A revision of the Queensland Polygona. Proc. Roy. Soc. Queensl. 39: 23-42. F.1928.

Francis, W.D.

The anatomy of the Australian bush nut (Macadamia ternifolia). Proc. Roy. Soc. Queensl. 39: 43-53. pl.i. F.1928.

Francis, W.D.

The rain forest of the Eungella Range. Proc. Roy. Soc. Queensl. 39: 107-114. pl.xi-xiv. F. 1928.

Herbert, D.A.

Nutritional exchange between lianas and trees. Proc. Roy. Soc. Queensl. 39: 115-118. pl.xv. F. 1928.

White, C.T. & Francis, W.D.

Plants collected in the mandated territory of New Guinea by C.E. Lane-Poole. Proc. Roy. Soc. Queensl. 39: 61-70. pl. iv-v. F.1928.

Progr. Agr. & Vitic. (Montpellier)

Battail, J.

Contribution aux recherches sur le court-noué. Progr. Agr. et Vitic. 89: 600-602. Je.17, 1928. no.25.

Ravaz, L. & Verge, G.

La vigne en 1926. Maladies, accidents divers, coulure, sécheresse, etc. Progr. Agr.et Vitic. 89: 603-607. Je.17, 1928. no.25.

Progreso Agr. y Pec. Madrid.
Azcona, A.A.
Tratamientos del vinedo. Progreso Agr. y Pec. Madrid. 34: 187-189. Mr.15, 1928. no.1526.
I. Contra el oidium.

Publ. Ser.E, Entom. & Zool. Estac Agron. Moca, Rep. Dominica.
Russo, G.
Las enfermedades perjudiciales al cultivo de cebolla. [Publ.] Ser.E, Entom. & Zool. Estac. Agron. Moca, Rep. Dominicana. 2. 22 p. plates. 1928.

Publ. Staz. Sper. Bari.
Potenza, G.
Osservazioni su la recettivita dei cereali per la ruggine. Pubbl. Staz. Agr. Sper. Bari. 12. 72 p. 8 pl. 1928.

Rec. Bot. Surv. India. (Calcutta)
Cowan, J.M.
The flora of the Chakaria Sundarbans. Rec. Bot. Surv. India. 11: 197-225. 1928.

Rev. Bot. Appl. (Paris)
Beauverie, M.A.
Les maladies a virus d'apres les travaux recents. Rev. Bot.Appl. 8: 334-339. My.1928. no.81.

Chevalier, A.
Revision des Acacia du Nord, de l'ouest et du centre africain (cont.) Rev Bot. Appl. 8: 357-362. My. 1928. no.81.

Kopp, A.
Données récentes sur la culture du palmier a huile. Rev. Bot. Appl. 8: 342-352. My. 1928. no. 81.

Repert. Spec. Nov. Fedde. (Berlin)
Bornmüller, J.
Eine neue Convolvulus-art aus der flora von Mekka. Repert. Spec. Nov. Fedde. 24: 242-243. My.1928. no.14/21.
Convolvulus linoides, sp.n.

Burret, M.
Beiträge zur kenntnis der palmen von Malesia, Papua und Südsee. Repert. Spec. Nov. Fedde. 24: 253-296. My.1928. no.14/21.

Repert. Spec. Nov. Fedde. (cont.)

Dinsmore, J.E.
Sternbergia sparffordiana Dinsm. sp. nov.
Repert. Spec. Nov. Fedde. 24: 302. My.1928.
no.14/21.

Dinter, K.
Index der aus Deutsch-Südwestafrika bis zum jahre 1917 bekannt gewordenen pflanzenarten XXIV.
Repert. Spec.Nov. Fedde. 24: 302-304. My.1928.
no.14/21.

Fedde, F.
Corydalis hamata French. et C. pseudohamata Fedde.
Repert. Spec. Nov. Fedde. 24: 239-241. My.1928.
no.14/21.
C. hamata, C. binderae.

Fedde, F.
Neue arten von Corydalis aus China XIII.
Repert.Spec.Nov. Fedde. 24: 241. My.1928. no.14/21.

Fries, R.E.
Zwei neue anonaceen. Repert. Spec. Nov.
Fedde. 24: 246-248. My.1928. no.14/21.
Uvaria caroti-afzelii, Unonopsis buchtienii, n.sp.

Harms, H.
Leguminosae americanae novae VIII. Repert.
Spec. Nov. Fedde. 24: 209-213. My.1928. no.14/21.

Heimerl, A.
Nyctaginaceae novae a clar. E.L. Ekman in Cuba lectae. Repert. Spec. Nov. Fedde. 24: 225-230.
My. 1928. no.14/21.
Pisonia byrsonimifolia, P. petiolaria, P. ekmani, Neea ekmani, n.sp.

Henrard, J.Th.
Paspalum delavayi spec.nov. aus China. Repert.
Spec. Nov. Fedde. 24: 239. My.1928. no.14/21.

Kränzlin, F.
Cyrtandreae quaedam novae. Repert. Spec.
Nov. Fedde. 24: 214-223. My.1928. no.14/21.

Repert. Spec. Nov. Fedde. (cont.)

Krösche, E.
Epipactis viridiflora auct. (em Krösche) f. acutiflora Krösche. Repert Spec. Nov. Fedde. 24(Repert.Europ. et Med. 2: 129-132): 305-308. My.1928. no.14/21.

Kükenthal, G
Cyperaceae novae vel criticae imprimis antillanae (Nachtrag). Repert. Spec. Nov. Fedde. 24: 298-299. My.1928. no.14/21.

Mansfeld, R.
Orchidaceae novae Bradeanae. Repert. Spec. Nov. Fedde. 24: 243-246. My.1928. no.14/21.

Melchior, H.
Die gentianen des Colle d'Olen (Monte Rosagebiet). Repert. Spec. Nov. Fedde. 24(Repert. Europ. et Med. 2:133-141): 309-317. My. 1928. no.14/21.

Niedenzu, F.
Bemerkungen über Byronsima coriaceae (Sw.) Kunth. und die übrigen westindischen Byrsonima-arten. Repert. Spec. Nov. Fedde. 24: 249-252. My.1928. no.14/21.

Pilger, R.
Beiträge zur kenntnis der gattung Plantago VIII. Weitere bemerkungen über die altweltlichen arten der sektion Leucopsyllium Decne. Repert. Spec. Nov.Fedde. 24(Repert. Europ. et Med. 3: 141-146): 317-322. My.1928. no.14/21.

Poellnitz, K.von.
Zwei neue Anacampseros - arten. Repert. Spec. Nov. Fedde. 24: 297-298. My.1928. no.14/21.
Anacampseros marlothii, A. schönlandii, sp.nov.

Sandt, W.
Zwei neue orchideen des Münchener gartens. Repert. Spec. Nov. Fedde. 24: 248-249. My.1928. no.14/21.
Stenorhynchus hennisianus, n.sp.; Plocoglottis loheriana.

Sirjaev, G.
Trigonella verae Sirjaev turkestaniae occidentalis. Repert. Spec. Nov. Fedde. 24: 298. My. 1928. no. 14/21.

Repert. Spec. Nov. Fedde. (cont.)
Thellung, A.
X Amarantus ruebalii (angustifolius [var. graecizans,] X gracilis) hybr. nov. Repert. Spec. Nov. Fedde. 24: 299-301. My.1928. no.14/21.

For other entries under this title see next page.

Rev. Centro Estud. Agron. y Vet. Univ. Buenos Aires.
Castellanos, A.
Instrucciones para formar herbarios. Rev. Centro Estud. Agron. y Vet. Univ. Buenos Aires. 20: 1201-1221. illus. My.1928. no.135.

Rev. Hort. (Paris)
Sabourin, L.
La curieuse floraison du Sauromatum guttatum Schott. Rev. Hort. 100: 159-160. illus. Je.16, 1928. no.6.

Rev. Hort. Algerie (Alger)
Trabut, L.
Variations des Eucalyptus dans les cultures. Quelques Eucalyptus hybrides observés principalement en Algérie. Rev. Hort. Algérie. 32: 98-111. illus. My.1928. no.5.

Rhodora. (Boston)
Blake, S.F.
Aster ericoides var. platyphyllus in Maryland. Rhodora. 30: 106. My.1928. no.353.

Blake, S.F.
Potentilla intermedia L. in the Boston district. Rhodora. 30: 107-108. My.1928 no.353.

Fernald, M.L.
Primula farinosae in America (concl.) Rhodora. 30: 85-104. My.1928. no.353.
Identities of numbered exsiccatae cited: p.102-104,

Fernald, M.L.
The varieties of Galium boreale. Rhodora. 30: 106-107. My.1928. no.353.

Fogg, J.M.
The clandestine form of Leersia oryzoides. Rhodora. 30: 81-85. My.1928. no.353.
L. oryzoides f. inclusa.

Rhodora. (cont.)

Knowlton, C.H.
Tetramerism in Trillium grandiflorum.
Rhodora. 30: 105. My.1928. no.353.

Pease, A.S.
Plants new to Coos County, N.H. Rhodora. 30: 104-105. My.1928. no.353.

Repert. Spec. Nov. Fedde. (cont. from p.29)

Thellung, A.
Eragrostis damiensiana Ed. Bonnet. Repert. Spec. Nov. Fedde. 24(Repert. Europ. et Med. 2: 147-156): 323-332. My.1928. no.14/21.

Urban, I. & Helwig, B.
Malvaceae novae et minus cognitae cubenses atque domingenses. Repert. Spec. Nov. Fedde. 24: 231-238. My.1928. no.14/21.
Sida caespitosa, Pavonia heterostemon, P. cryptocalyx, P. ekmanii, Hibiscus urbanii, spec. nov.

Wolff, H.
Eryngia nova americana. Repert. Spec. Nov. Fedde. 24: 224. My.1928. no.14/21.
Eryngia dusenii, n.sp.

Science. (Lancaster, Pa.)

Crampton, H.E.
The differentiation of species. Science. 67: 615-619. Je.22,1928. no.1747.

Lyon, M.E.
Embryoless seeds in cereals. Science. 67: 652. Je.29, 1928. no.1748.
In wheat, rye and bald barley.

Sci. Rep. Tohoku Imp. Univ., 4. Ser. Biol.

Nakajima, Y.
Ueber das vorkommen kleiner embryonaler körperchen in der frucht von Crinum latifolium L. Sci. Rep. Tokoku Imp. Univ. 4. Ser. Biol. 3: 431-442. illus., pl. xx-xxi. My.1928. no.2.

Ono, T.
Embryologische studien an einigen pontederiaceen. Sci. Rep. Tohoku Imp. Univ. 4 ser. Biol. 3: 405-415. illus., pl.xviii-xix. My.1928. no.2.

Sci. Rep. Tohoku Imp. Univ. 4. Ser.Biol. (cont.)
Takagi, F.
The influence of the higher temperature on the reduction division of the pollen mother cells of Lychnis sieboldii, van Houtte. Sci. Rep. Tohoku Imp. Univ. 4. ser. Biol. 3: 461-466. illus., pl. xxii. My.1928. no.2.

Scient. Agr. (Ottawa)
Davis, M.B. & Hill, H.
Nutritional studies with Fragaria. Scient. Agr. 8: 681-692. Jl.1928. no.11.

Harrington, J.B. & Smith, W.K.
The reaction of wheat plants at two stages of growth to stem rust. Scient. Agr. 8: 712-725. Jl. 1928. no.11.

Thorne, G.
Heterodera punctata n.sp., a nematode parasitic on wheat roots from Saskatchewan. Scient. Agr. 8: 707-710. pl. i. Jl.1928. no.11.

Seed World. (Chicago)
McKay, M.B.
The curly top disease. Seed World. 23: 38, 40, 72. Je.29, 1928. no.13.
On sugar beet.

Sitzungsb. Akad. Wiss. Wien Math.-Naturw. Kl. Abt.I.
Bersa, E.
Strahlenbiologische untersuchungen II-III Ueber kie wirkung der röntgenstrahlen auf die kernteilung der wurzelspitzen von Zea mays. III. Ueber den einfluss der röntgenstrahlen auf die atmung der wurzelspitzen von Vicia faba.

Fritsch, K.
Beobachtungen über blütenbesuchende insekten in Steiermark 1906. Sitzungsb. Akad. Wiss. Wien. Math.-Naturw. Kl. Abt.I. 136: 441-476. 1927. no. 9/10.

Wagner, R.
Anisophyllie und partial infloreszenzen bei Salvia sclarea L. Sitzungsb. Akad. Wiss. Wien. Math.-Naturw. Kl.Abt.I. 136: 477-481. 1927. no.9/10

South African Gard. (Johannesburg)

Bolus, L.

Plants - new and noteworthy (cont.) Ruschia. South African Gard. 18: 178. illus. Je.1928. no.6.

K. Svenksa Vetensk. Akad. Handl.

Hultén, E.

Flora of Kamtchatka and the adjacent islands II. Dicotyledonae, Salicaceae - Cruciferae. K. Svenska Vetenskapsakad. Handl. III, v.5, no.2. 218 p. illus. (incl. maps) 3 pl. 1928.

Torreya.

Ferguson, W.C.

Contributions to the flora of Long Island, New York. Fifth paper. Torreya. 28: 45-51. My./Je. 1928. no.3.

Mackenzie, K.K.

White-fruited bane-berries. Torreya. 28: 51-53. My./Je.1928. no.3.

Peck, M.E.

New plants from Oregon. Torreya. 28: 53-57. My./Je.1928.

Calochortus galei, Ribes gooddingi, Hydrophyllum thompsoni, Veronica sherwoodii, Hieracium leachii, sp. nov.

Die Umschau. (Frankfurt)

Schmidt, B.

Lebensdauer und tod bei tieren und pflanzen. Die Umschau. 32: 473-476. Je.9, 1928. no.24.

U.S. Dept. Agr. Techn. Bull.

Weiss, F., Lauritzen, J.I. & Brierley, P.

Factors in the inception and development of Fusarium rot in stored potatoes. U.S. Dept. Agr. Techn. Bull. 62. 35 p. 6 pl. My.1928.

U.S. Dept. Agr. Library. Bibliog. Contr.

Allen, J.M.

Author and subject index to the publications on plant pathology issued by the state agricultural experiment stations up to December 1, 1927. U.S. Dept. Agr. Library. Bibl. Contr. no.16. 251 p. Je.1928 (Rec'd Jl.)

Versl. en Meded. Plantenz. Dienst. Wageningen.
Poeteren, N.v.
Een waarschuwinge dienst voor het optreden van de aardappelziekte. Versl. en Meded. Plantenz. Dienst. Wageningen. 53. 8 p. illus. My. 1928.

Vie Agr. et Rur. (Paris)
Malpeaux, L.
La lutte contre les ennemis des cultures. Vie. Agr. et Rur. 32: 392-396. illus. Je.17, 1928. no.25.
Carie du blè; le mildiou; la rouille; le piétin; les maladies de la pomme de terre; la destruction des mauvaises herbes.

Yearbk. Hort. Soc. N.Y.
Gleason, H.W.
Alpine flowers of North American and their cultivation in rock gardens. Abstract of a lecture... Yearbk. Hort. Soc. N.Y. 1927: 34-46. illus. [1928]
"Sources in this country from which many of our native rock plants may be secured: p.36.

Stout, A.B.
Lilies, abstract of an illustrated lecture... Yearbk. Hort. Soc. New York. 1927: 20-33. illus., col.pl. [1928]

Yearbk. Public Mus. Milwaukee.
Fuller, A.M.
Rare and local plants of Wisconsin, 1927. Yearbk. Public Mus. Milwaukee. 1927, 7: 171-178. illus. Je.1928.

Exper. Stat. Publ.
Durrell, L.W.
Smuts of Colorado grains. Colorado Agr. Exp. Stat. Bull. 334. 24 p. illus. F.1928.

Sax, K.
Bud and root selection in the apple. Maine Agr. Exp. Stat. Bull. 344. p.21-32. Ap.1928.

Exper. Stat. Publ. (cont.)

Branstetter, B.B.
Corn root rot studies. Missouri Agr. Expt. Stat. Res. Bull. 113. 80 p. 8 pl. N.1927.
Caused by soil-borne Pythium-like fungus.

Sullivan, K.C.
Three years of dust spraying under Missouri conditions. Missouri Agr. Exp. Stat. Bull.259. 12 p. Ap.1928.

Schafer, E.G. & Gaines, E.F.
Distribution of wheat varieties in Washington. Washihgton Agr. Exp. Stat. Bull. 224. 30 p. illus. Ap. 1928.

Smith, L.H. & Brunson, A.M.
Experiments in crossing varieties as a means of improving productiveness in corn. Illinois Agr. Exp. Stat. Bull. 306: 375-386. My.1928.

New Books.

Cyrén, O. & Hayek, A.
Der thessalische Olymp. In Karsten, G. Vegetationsbilder 18. reihe. heft 6/7. pl.31-32. 1928.

Jackson, B.D.
A glossary of botanic terms with their derivation and accent. 4th ed., rev. & enl. London, Duckworth, 1928.

Maschmeier, W.
Versuche über die möglichkeit einer serologischen sortendifferenzierung bei der kartoffel... Berlin, [Buchdruckerei des "Lindenhofes"] 1927.
Inaug.-diss. - Landwirtschl. hochschule, Berlin.

Moeller, J.
Mikroskopie der nahrungs- und genusmittel aus der pflanzenreich. 3.neubearb. aufl. von Dr. C. Griebel... Berlin, J. Springer, 1928.

Muenscher, W.C.
Keys to spring plants. W.C.Muenscher and L.D. Petry. Ithaca, N.Y., 1928.

New Books (cont.)

Rathlef, H.von.
Die schutzmassnahmen gegen die in Deutschland wesentlichsten pflanzenkrankheiten. Döllstädt-Erfurt, Verlag Thür. Zentralsaatstelle G. Gewalt-Gierstädt, 1928.

Salmon, E.S. & Ware, W.M.
... The downy mildew of the hop, Wye, Southeastern agricultural college, 1927.

Schrepfer, F.A.
Hardy evergreens, a practical handbook on the planting, growth and management of all hardy evergreens, exclusive of the broad-leaved species. New York, Orange Judd, 1928.

Wulff, E.V.
... Flora taurica. v.1, fasc. 1, Pteridophyta. Gymnospermae. [Ialta?] 1927.
Russian.

Reprints from Journals not yet rec'd or not available.

Murashinsky, K.E. & Ziling, M.K.
... Fungi nonnulli novi asiatici II. Reprinted from Trudy Sibirsk. Inst. S.Kh. i L-va (Trans. Siber. Inst. Agr. & For.) v.9, no.1. 1928.
Latin diagnosis.

BOTANY
CURRENT LITERATURE

ADDITIONS TO THE BOTANICAL CATALOGUE, BUREAU OF PLANT INDUSTRY,
COMPILED FROM PUBLICATIONS RECEIVED IN THE
LIBRARY OF THE UNITED STATES DEPARTMENT OF AGRICULTURE, WASHINGTON, D. C.

JUL 3 1928
U.S. Department of Agriculture

Vol. 10, no. 15 Jl. 9-21, 1928.

Addisonia. (N.Y.)

Addisonia. v.13, no.2. Je.1928.

Azalea calendulacea. p.17-18. col.pl.425.
Congea tomentosa. p.19-20. col.pl. 426.
Sedum ternatum. p.21-22. col.pl. 427.
Helonias bullata. p.23-24. col.pl. 428.
Mazus japonicus. p.25-26. col.pl. 429.
Salix caprea elliptica. p.27-28. col.pl. 430.
Grewia parviflora. p.29. col.pl.431.
Cajan cajan. p.31-32. col.pl. 432.

Agr.Gaz. N.S.W. (Sydney)

Cheel, E.
Notes on passion fruits. Agr. Gaz. N.S.W. 39: 471-477. Je.1928. no.6.

Fridham, J. T.
The nomenclature and pority of wheat varieties. Agr. Gaz. N.S.W. 39: 423-424. Je.1928. no.6.
The position now and thirty years ago.

Agr. Journ. Brit. Guiana.

Cheesman, E. E.
Sugar-cane breeding and genetics. Agr. Journ. Brit. Guiana. 1: 79-84. Je.1928. no.2.

Huggins, H.D.
Pollination and crop production. Agr. Journ. Brit. Guiana. 1: 90-95. Je.1928. no.2.

Allg. Bot. Zeitschr. (Karlsruhe)

Bornmüller, J.
Bearbeitung der von H. Burgeff und Th.Herzog in den kriegsjahren 1916-1918 in Mazedonien gesammelten pflanzen. Allg. Bot. Zeitschr. 33: 25-38. My.1928. no.1/12.

Cernjavsky, P.
Salvia candidissima Vahl im Wardargebiet (Mazedonien). Allg. Bot. Zeitschr. 33: 38-39. My. 1928. no.1/12.

Allg. Bot. Zeitschr. (cont.)

Christiansen, D.M.
Oenothera ammophila Focke in Schleswig-Holstein. Allg. Bot. Zeitschr. 33: 42-44. My.1928. no.1/12.

Huber, A.
Beobachtungen über die orchideen der pineta von Viareggio. Allg. Bot. Zeitschr. 33: 15-21. My.1928. no.1/12.

Huber, A.
Helianthemum nummularium (L.) Mill. ssp. glabrum (Koch) Wilczek in der Schweiz. Allg. Bot. Zeitschr. 33: 41-42. My.1928. no.1/12.

Huber, A.
Neue phanogamenstandorte aus der umgebung von Viareggio. Allg. Bot. Zeitschr. 33: 10-15. My.1928. no.1/12.

Kneucker, A.
Geranium peregrinum Thellung. Allg. Bot. Zeitschr. 33: 46. My.1928. no.1/12.

Krösche, E.
Neue diagnosen aus Westbraunschweig. Allg. Bot. Zeitschr. 33: 44-46. My.1928. no.1/12.

Mayer, A.
Oberamtsrichter Alfred Fuchs. Allg. Bot. Zeitschr. 33: 2-4. My.1928. no.1/12.

Mayer, A.
Orchideenausbreitung in Württemberg und Hohenzollern. Allg. Bot. Zeitschr. 33: 39-41. My. 1928. no.1/12.

Murr, J.
Nochmals über gute und schlechte arten und über bastarde. Allg. Bot. Zeitschr. 33: 21-25. illus. My.1928. no.1/12.
Chenopodium, Ranunculus lechnerianus, Rumex acetoselliformis mh.

Schlatterer, A.
An der wurzel des Jura. Allg. Bot. Zeitschr. 33: 5-10. My.1928. no.1/12.

Weiss, O.
Apotheker Alfons Callier. Allg.Bot. Zeitschr. 33: 4-5. My.1928. no.1/12.

Amer. Bot. (Joliet, Ill.)

Clute, W.N.
Double form of water crowfoot. Amer. Bot. 34: 105-106. Jl.1928. no.3.
Ranunculus delphinifolius or R. multifidus.

[Clute, W.N.]
Forms of the ditch moss. Amer. Bot. 34: 104. Jl.1928. no.3.
Philotria canadensis, P. angustifolia, P. nuttallii.

Clute, W.N.
The meaning of plant names XXXV. Asteraceae I. Amer. Bot. 34: 95-101. Jl. 1928. no.3.

Clute, W.N.
Silvery-lavender phlox. Amer. Bot. 34: 111-112. Jl.1928. no.3.
Phlox argillacea.

Clute, W.N.
Useful plants of the world (cont.) Amer. Bot. 34, Suppl. p.17-32. Jl.1928.no.3.

Clute, W.N.
Widow's tears. Amer. Bot. 34: 110-111. Jl. 1928. no.3.
Tradescantia virginica.

McMurray, N.
Monstrous tulips. Amer. Bot. 34: 114. Jl.1928. no.3.

St.John, H.
The desert pansy. Amer. Bot. 34: 89-94. Jl.1928. no.3.
Viola trinervata.

Amer. Fern Journ.

Dobbie, H.B.
Tauranga and Karewha Island. Amer. Fern Journ. 18: 51-55. Ap./Je. 1928. no.2
Islands about 100 miles south of Auckland.

Amer. Fern Journ. (cont.)

Edson, J.Z.
Ferns of Monroe and adjoining counties, New York. Amer. Fern Journ. 18: 56-57. Ap./Je. 1928. no.2.

Maxon, W.R.
New tropical American ferns V. Amer. Fern Journ. 18: 46-51. Ap./Je. 1928. no.2.
Polypodium randalli, P. exornana, Dryopteris underwoodiana.

Waters, C.E.
An analytical key for the ferns of the northeastern states, based on the siptes. Amer. Fern. Journ. v.18, no.2, suppl. 14 p. Ap./Je.1928.

Weatherby, C.A.
William Stout, a forgotten student of ferns. Amer. Fern Journ. 18: 37-45. port. Ap./Je.1928. no.2.

Wherry, E.T.
Ferns at Dripping Spring, Oklahoma. Amer. Fern Journ. 18: 61-63. Ap./Je.1928 no.2

Amer. Fruit Grow. Mag. (Chicago)

Jones, J.S.
Removing the spray residue from apples and pears. Amer. Fruit Grow. Mag. 48(7): 3-4, 20. illus. Jl. 1928.

Amer. Midl. Nat. (Notre Dame, Ind.)

Bush, B.F.
Notes on trees and shrubs of Missouri. Amer. Midl. Nat. 11: 101-124. My./Jl.1928. no.3/4.
Review of Swallow's Trees and shrubs of Missouri.

Amer. Nat.

Dickson, J.G. & Holbert, J.R.
The relation of temperature to the development of disease in plants. Amer. Nat. 62: 311-333. illus. Jl./Ag. 1928. no.681.
Part of Symposium on temperature & life.
Experiments with seedling blight of cereals crops especially wheat and corn.

Reed, H.S.
The growth of cognate shoots. Amer. Nat. 62: 334-351. Jl./Ag. 1928. no.681.
Data secured from 5-year-old lemon trees.

Amer. Produce Grow.(Chicago)

Brown,H.D.

Relation of light, carbon dioxide, and relative humidity to vegetable forcing. Amer. Produce Grow. 3(7): 6, 12. Jl.1928.

Knott, J.E.

What variety of tomato shall I plant? Amer. Produce Grow. 3(7): 3, 10. illus. Jl.1928.

Ann. R. Ist. Sup. Agr. Portici.

Casella, D.

La foglia del genere Vitis è samplico o composta? Ann. R. Ist. Sup. Agr. Portici. III, 2: 299-304. illus. 1927 (Rec'd Je.1928)

Casella, D.

Origine della foglia composta. Ann. R. Ist. Sup. Agr. Portici. III, 2: 313-315. illus. 1927 (Rec'd Je.1928)

Ann. Rep. Florida State Geol. Surv.

Harper, R.M.

Natural resources of southern Florida. Ann. Rep. Florida State Geol. Surv. 18: 27-206. illus. 1927.

Vegetation: p.75-141.

Regional classification: p.153-192.

Arch. Bot. Sistem., Fitogeogr. e Gen. (Forli)

Campbell, C.

Per la storia del pesco. Arch. Bot. Sistem. Fitogeogr. e Gen. 4: 92-96. Je.1928. no.2.

Campbell, C.

Sull'albinismo nei fiori del "Trifolium incarnatum" L. e in altre piante coltivate e sul valore sistematico della diversa pigmentazione. Arch. Bot. Sistem. Fitogeogr. e Gen. 4: 87-91. Je.1928. no.2.

Cobau, R.

Le piante avventizie esotiche osservate nel Vicentino (concl.) Arch. Bot. Sistem., Fitogeogr. e Gen. 4: 97-114. Je.1928. no.2.

Negodi, G.

Studio monografico sulla Silene angustifolia (Mill.) Guss. con particolare riguardo alle forme italiane (cont.) Arch. Bot. Sistem. Fitogeogr. e Gen. 4: 138-153. Je.1928. no.2.

Arch. Bot. Sistem., Fitogeogr. e Gen. (cont.)

Pirovano, A.

Correlazione fra zenie e caratteri ereditati in mais pigmentati ibridi ordinari ed elettrogeniti. Arch. Bot. Sistem. Fitogeogr. e Gen. 4: 81-86. Je.1928. no.2.

Savelli, R.

Poliembrionia in "Cannabis sativa" L. Arch. Bot. Sistem., Fitogeogr. e Gen. 4: 128-137. pl.. Je.1928. no.2.

Soò, R. von.

Le specie italiane del genere "Melampyrum" L. Arch.Bot. Sistem., Fitogeogr. e Gen. 4: 115-127. Je. 1928. no.2.

Arch. Exp. Zellforsch. Gewebezücht.

Kammer, E.

Beobachtungen über die lebensdauer isolierter epidermen. Arch. Exp. Zellforsch. Gewebezücht. 7: 1-68. 1928. no.1.

Küster, E.

Das verhalten pflanzlicher zellen in vitro und in vivo. Arch. Exp. Zellforsch. Gewebezücht. 6: 28-42. 1928.

Němec, B.

Ueber pflanzentumoren. Arch. Exp. Zellforsch. Gewebezücht. 6: 172-177. 1928.

Pfeiffer, H.

Ueber methoden zum studium der verkieselungsprozesse innerhalb lebender pflanzlicher zellen. Arch. Exp. Zellforsch. Gewebezücht. 6: 418-433. illus. 1928.

Úlehla, V.

Vorversuche zur kultur des pflanzengewebes I- Arch. Exp. Zellforsch. Gewebezücht. 6: 370-417. illus. 1928.

I. Das wasser als faktor der gewebekultur. Untersuchungen über die konstitution des wassers auf den freien zelloberflächen und über den einfluss des eintauchens in wässerige lösungen auf die zellvitalität.

Beih. Bot. Centralbl. Abt.II. (Dresden)

Rudolph, K.

Die bisherigen ergebnisse der botanischen mooruntersuchungen in Böhmen. Beih. Bot. Centralbl. Abt.II. 45: 1-180. 4 pl. Je.1928.

I. Die moortypen Böhmens.

II. Die regionale waldgeschichte Böhmens im postglaziel.

III.Die stratigraphie und entwicklungsgeschichte der bohmischen moore.

Beitr. Biol. Pflanz. Cohn. (Breslau)

Grafe,V.

Zur chemie und physiologie der pflanzenphosphatide Vi. Ueber die hitzestabilität der phosphatide der feige. Beitr. Biol. Pflanz. Cohn. 16: 129-139 1928. no.1.

Grafe, V. & Freund, K.

Zur chemie und physiologie der pflanzenphosphatide VII. Zur frage des austrittes von proteinen und gerbstoffen in die dialysate der gerste. Beitr. Biol. Pflanz. Cohn. 16: 140-156. 1928. no. 1.

Hosbach, O.

Beiträge zur frage nach der durchlässigkeit der endodermiszellen. Beitr. Biol. Pflanz. Cohn. 16: 81-128. pl. i. 1928. no.1.

Surauer, H.

Ueber einen aus baumwollabfällen isolierten thermophilen bacillus. Beitr. Biol. Pflanz. Cohn. 16: 1-38. illus. 1928. no.1.

Bacillus calfactor.

Wermund, R.

Untersuchungen uber die brauchbarkeit der serodiagnostik für die botanische verwandtschaftsforschung, mit besonderer berucksichtigung der reihe der Rhoedeales, sowohl unter anwendung der präzipitationsmethode, als auch der konglutinationsmethode nach Mez. Beitr. Biol. Pflanz. Cohn. 16: 39-80. 1928. no.1.

Ber Deut. Chem. Ges. (Berlin)

Späth, E. & Hromatka, O.

Ueber alkaloide von Corydalis cava XII. Die Synthese des d-bulbocapnin-methylathers. Ber. Deut. Chem. Ges. 61: 1334-1342. Je.1928. no.6.

Better Crops. (N.Y.)
Talbert, T.J.
Cedar rust of apples. Better Crops. 11(1): 19-20, 57. illus. Jl. 1928.

Biochem. Zeitschr. (Berlin)
Oparin, A. & Djatschkow, N.
Ueber die fermentbildung in reifenden samen. Biochem. Zeitschr. 196: 289-293. Je.1928. no.4/6.

Biol. Zentralbl. (Leipzig)
Michaelis, P.
Ueber die experimentalle erzeugung heteroploider pflanzen bei Epilobium und Oenothera. Biol. Zentralbl. 48: 370-374. 1928. no.6.

Tischler, G.
Ueber die verwendung der chromosomenzahl für phylogenetische probleme bei den angiospermen. Biol. Zentralbl. 48: 321-345. 1928. no.6.

Biull. Sredne-Aziat. Gosudarstv. Univ. (Bull. Univ. Asie Centr. (Tachkent)
Drobov, V.P.
... Die vergessene art Halimocnemis laricifolia Turcz. Biull. Sredne-Aziat. Gosudarstv. Univ. (Bull.Univ. Asie Centr.) 16: 207-212. illus. 1927 (Rec'd My.1928)
Russian with German summary.
Halimocnemis laricifolia - Salsola laricifolia; described also S. arbuscula & S. arbusculaeformis.

Bull. Agencia Geral. Colón. Portugal (Lisboa)
Almeida, J.de.
O Dr. Frederico Welwitsch e a sua obra em Angola. Estudo critico-biográfico... Bol. Agência Geral. Colon. Portugal. 3(29): 90-117. illus., col.pl. N.1927; 4(32): 97-120. illus. F.1928.

Gossweiler, J.
Contribuição para o estudo botânico da palmeira do azeite em Angola. Fomento geral de Angola (Fogerang). Missão de estudos botânicos. Bol. Agência Geral. Colon. Portugal. 3(30): 107-125. D.1927 (Rec'd Jl.1928)

Bol. Estac. Exp. Agron. Cuba.
Roig y Mesa, J.T.
Diccionario botanico de nombres vulgares cubanos. Bol. Estac. Exp. Agron. Cuba. 54. 247 p. 8 pl. F.1928.

Bull. Econ. Indochine. (Hanoi)

Crevost, Ch.

Note sur les champignons cultivés au Japon. Bull. Econ. Indochine. n.s., 31: 131-139. 1928. no.192.

Bull. Hist. Appl. Phys. et Path.

Chaze, J.

Sur le mode de formation cytologique et la détection des alcaloïdes dans la plantule de tabac. Bull. Hist. Appl. Phys. et Path. 5: 253-259. illus. Je.1928. no.6.

Martens, P.

Les structures nucléaires et chromosomiques dans la cellule vivante et dans la cellule fixée. Bull Hist. Appl. Phys. et Path. 5: 229-252. illus. Je.1928. no.6.

Bull. Imp. Inst. Gt. Brit. (London)

Rabinovich, M.

Investigation on the toxicity of the Magbevi nut in rats. Bull. Imp. Inst. Gt. Brit. 26: 144-147. Jl. 1928. no.2.

Chailletia toxicaria.

Bull. Mens. Soc. Nat. Hort. France. (Paris)

Meunissier, A.

La genetique et le Congres international de Berlin. Bull. Mens. Soc. Nat. Hort. France. V, 1: 207-227. My.1928.

Bull. Sci. Pharm. (Paris)

Guérin, P.

Léon Guignard, 1852-1928. Bull. Sci. Pharm. 35: 354-380. port. Je.1928. no.6.

Liste chronologique des notes et mémoires: p.374-380.

Guillaume, A.

Influence de certains engrais et agents chimiques sur le poids des récoltes et la teneur en alcaloïdes dans la culture d'une legumineuse: le lupin. Bull. Sci. Pharm. 35: 347-353. Je.1928. no.6.

Lupinus mutabilis.

Bull. Torr. Club.

Baldwin, H. I.

A comparison of the available moisture in sod and open soil by the soil-point method. Bull. Torrey Bot. Club. 55: 251-255. My.1928. no.5.

Bush, B.F.

Quercus neo-ashei. Bull. Torrey Bot. Club. 55: 247-250. My.1928. no.5.

Quercus neo-ashei, n.sp.

Farr, C.H.

Studies on the growth of root hairs in solutions VII. Further investigations on collards in calcium hydroxide. Bull. Torrey Bot. Club. 55: 223-246. My.1928. no.5.

Bull. U.S. Golf Assoc. Green Sect. (Wash., D.C.)

Valentine, J.

Controlling fairway weeds with sulphate of ammonia. Bull. U.S. Golf Assoc. Green Sect. 8: 122-123. Je.1928. no.6.

Canad. Hort. (Peterboro, Ont.)

Dead arm disease of grapes. Canad. Hort. 51: 194. Jl.1928. no.7.

Compt. Rend. Acad. Sci. Paris.

Bridel, M., Charaux, C. & Rabaté, G.

Sur l'améliaroside, noveau glucoside de l'écorce de l'Amelanchier vulgaris Moench. Compt. Rend. Acad. Sci. Paris. 187: 56-57. Jl.2, 1928. no.1.

Daniel, L.

Sur la formation des thylles chez les plantes greffées. Compt. Rend. Acad. Sci. Paris. 187: 58-60. Jl.2,1928. no.1.

Hasenfratz, V. & Sutra, R.

Sur les principes immédiats des grains de deux espèces de Combretum. Compt. Rend. Acad. Sci. Paris. 186: 1860-1862. Je.25,1928. no.26.

C. subumbellatum, C. bernierianum.

Country Life. (London)

Cox, E.H.M.

Some blue flowers. Country Life. 63 (Suppl.): lxii, lxiv, lxvi. illus. Je.30,1928. no.1641.

Country Life. (cont.)

Osborn, A.
Late flowering shrubs. Country Life. 64(Suppl.); lxiv, lxvi. illus. Jl.7,1928. no.1642.

Palmstierna, M.
Carl Milles' garden, Lidingö, Stockholm. Country Life. 64: 18-26. Jl.7,1928. no.1642.

Curiamo Piante (Milan)

Ferraris, T.
Peach yellows; peach rosette e l'arriciamento del pesco in Piemonte. Curiamo le Piante. 6: 101-114. illus. Je.28,1928. no.6.

Deut. Landw. Presse. (Berlin)

Pape, H.
Krankheiten und schädlinge der futter- und wiesenpflanzen und irhe bekämpfung (cont.). Deut. Landw. Presse. 55: 378. illus. Je.23,1928. no.25.

Empire Cotton Grow. Rev. (London)

Blackman, V.H.
Report on the sulphuric acid treatment of cotton seed. Empire Cotton Grow. Rev. 5: 240-241. Jl. 1928. no.3.

Ernähr. Pflanz. (Berlin)

Liideman, K.
Kaliversuche und kalianwendung in Estland. Ernähr. Pflanze. 24: 201-206. illus. Je.15,1928. no.12.

Facts about Sugar (N.Y.)

Disease control in Hawaii. Eye spot and mosaic reduced in past year by control measures. Facts about Sugar. 23: 657. Jl. 14,1928.

Sartoris, G.B.
Deterioration of sugar content in P.O.J. canes. A preliminary study of the rate of deterioration of standing, windrowed and cut canes in Louisiana. Facts about Sugar. 23: 662-665. Jl.14, 1928. no.28.

Faserforsch. (Leipzig)

Hoffman, W.

Ueber das wachstum und die entwicklung der flachspflanze und ihre beeinflussung durch das wetter. Faserforsch. 6: 149-226. Je.1928. no.4.

Lauche, A.

Vergleichende untersuchungen südamerikanischer und deutscher flachsstengel gleichen stammes. Faserforsch. 6: 227-233. illus. Je.1928. no.4.

Floralia (Assen, Netherlands)

Schenk, P.J.

De eikenmeeldauw. Floralia. 49: 427-428. Jl.6, 1928. no.27.

Forstarch. Zeitschr. Wissenschaftl. u. Techn. in Forstwirtsch. (Hannover)

Lindfors, J.

Pinus murrayana, eine schnellwachsende kiefernart, die sich zur herstellung von sulfitzellstoff eignet. Forstarch. Zeitschr. Wissenschaftl. u. Techn. Forschr. Forstwirtsch. 4: 221-225. illus. Jl.1,1928. no.13.

Fruits & Gard.(Zeeland, Mich.)

Talbert, T.J.

Fire blight of apples and pears. Fruits & Gard. 26(7): 5, 14. illus. Jl.1928.

Gard. Chron. (London)

Friend, H.

Ideal gardens and plant lore. A bead and rosary basket (concl.) Gard. Chron. III, 83: 467-468. Je.30,1928. no.2166.

Todd, E.E.

A revision of Violas (cont.) Gard. Chron. III, 83: 465. illus. Je.30,1928. no.2166.

Gard. Chron. Amer.(N.Y.)

Medlock, H.R.

Plant physiology (concl.) Gard. Chron. Amer. 32: 201-202. Jl.1928. no.5.

Woodman, A.

The rock garden comes into its own in California. Gard. Chron. Amer. 32: 193-195. illus. Jl.1928. no.5.

Gard. Illus. (London)
Cooper, E.
Oncicium mantinii. Gard. Illus. 50: 415. illus. Je.30,1928. no.2573.

Gartenfl. (Berlin)
Rauhut, G.
Die schlingpflanzen, ihre kultur und ihre verwendung in gärten mit deutschem klima (cont.) Gartenfl. 77: 215-219. Je.1928.

Gartenw. (Berlin)
Sommer, O.
Neue Erica-hybriden. Gartenw. 32: 339. illus. Je.22,1928. no.25.

Genetica (The Hague)
Lotsy, J.P. & Goddijn, W.A.
Voyages of explorations to judge of the bearing of hybridization upon evolution I- Genetica. 10: 1-129. illus. 1928.
I. South-Africa. 1. Hybridization in the native flora.

Hilgardia (Berkeley, Cal.)
Severin, H.H.P. & Henderson, C.F.
Some host plants of curly top. Hilgardia. 3: 339-384. illus., 4 pl. Je.1928. no.13.

Hoosier Hort. (Lafayette, Ind.)
Ballou, F.H. & Lewis, I.P.
Recent spraying and dusting experiments. (concl.) Hoosier Hort. 10: 102-112. Jl.1928. no.7.

Hoppe-Seyl. Zeitschr. Phys. Chem. (Berlin)
Bonstedt, K.
Ueber einige sterine des pflanzenreichs. Hoppe-Seyl. Zeitschr. Phys. Chem. 176: 269-281. Je. 1928. no.6.

Hort. Illus. (Boston)
Hamblin, S.F.
Hardy rock garden plants. Hort. Illus. 6: 350. Jl.15,1928. no.14.

Ill. Hort.

Anderson, H.W.
Observations on spray injury to peaches.
Ill. Hort. 17(3): 5-7. Jl.10,1928. no.3.

Ital. Agr. (Milan)

Draghetti,A.
Pseudomutazioni di colore nei granelli di "soja hyspida." Ital. Agr. 65: 367-370. Je. 1928. no.6.

Happacher, E.
Una peste dell'uva spina (Sphaerotheca mors-uvae [Schw.] Berk.) nel goriziano. Ital. Agr. 65: 390-395. illus. Je.1928. no.6.

Jahrb. Wiss. Bot. (Leipzig)

Böhmer, K.
Die bedeutung der samenteile für die lichtwirkung und die wechselbeziehung von licht uns sauerstoff bei der keimung lichtempfindlicher samen. Jahrb. Wiss. Bot. 68: 549-601. illus. My.1928. no.4.

Klein, G. & Steiner, M.
Stickstoffbasen im eiweissabbau höherer pflanzen I- Jahrb. Wiss. Bot. 68: 602-710. illus., pl.13-14. My.1928. no.4.
I. Ammoniak und flüchtige amine.

Zycha, H.
Ueber den einfluss des lichtes auf die permeabilität von blattzellen für salze. Jahrb. Wiss. Bot. 68: 499-548. illus. My.1928..no.4.

Journ. Agr. Prat. (Paris)

Lacoudre, P.
Note sur la résistance des blés a l'hiver, en Brie. Journ. Agr. Prat. 49: 511-513. Je.30, 1928. no.26.

Journ. Amer. Soc. Agron. (Geneva, N.Y.)

Garber, R.J. & Hoover, M.M.
The relation of smut infection to yield in maize. Journ. Amer. Soc. Agron. 20: 735-746. Jl.1928. no.7.

Jones, J.W.
Polyembryony in rice. Journ. Amer. Soc. Agron. 20: 774. Jl.1928. no.7.

Journ. Amer. Soc. Agron. (cont.)

Jones, J.P.
Influence of cropping systems on root-rots of tobacco. Journ. Amer. Soc. Agron. 20: 679-685. Jl.1928. no.7.

Pieters, A.J.
The proper binomial or varietal trinomial for American mammoth red clover. Journ. Amer. Soc. Agron. 20: 686-702. Jl.1928. no.7.

Tingey, D.C. & Stewart, G.
Effect of size of seed set on yield and on certain other characters in potatoes. Journ. Amer. Soc. Agron. 20: 710-721. Jl.1928. no.7.

Wilson, B.D. & Wilson, J.K.
Relation of sorghum roots to certain biological processes. Journ. Amer. Soc. Agron. 20: 747-754. Jl.1928. no.7.

Journ. Arnold Arb.

Byhouwer, J.T.P.
Notes on Chinese Berberis. Journ. Arn. Arb. 9: 131-137. Jl.1928. no.2/3.

Chun, W.Y.
Four new ligenous plants from Kwangtung. Journ. Arn. Arb. 9: 126-130. Jl.1928. no.2/3.
Quercus hui, Mahonia shenii, Eurya weissiae, Tutcheria greeniae, sp.nov.

Hu, H.H.
Sinojackia, a new genus of Styracaceae from southeastern China. Journ. Arn. Arb. 9: 130-131. Jl.1928. no.2/3.
Sinojackia xylocarpa, sp.nov.

Rehder, A. & Wilson, E. H.
Enumeration of the ligneous plants collected by J.F. Rock on the Arnold Arboretum expedition to northwestern China and northeastern Tibet (cont.) Journ. Arn. Arb. 9: 37-125. pl.12-13. Jl.1928. no.2/3.

Tanaka, T.
Two new genera and new combinations of Rutaceae-aurantieae from Papua (Revisio aurantiacearum II) Journ. Arn. Arb. 9: 137-141. Jl.1928. no.2/3.
Echinocitrus, Monanthocitrus, gen.nov.

Journ. Biol. Chem. (Baltimore)
Jones, D.B. & Csonka, F.A.
Studies on glutelins IV The glutelins of corn (Zea mays) Journ. Biol. Chem. 78: 289-292. Jl.1928. no.2.

Journ. Dept. Agr.Kyushu Imp. Univ. (Fukuoka, Japan)
Kôketsu, R.
Variation of the water content of leaves as related to the wilting of plants. Journ. Dept. Agr. Kyushu Imp. Univ. Fukuoka, Japan. 2: 93-116. Je. 1928. no.3.

Journ. Elisha Mitchell Sci. Soc. (Chapel Hill, N.C.)
Coker, W.C.
The Chapel Hill species of the genus Psalliota. Journ. Elisha Mitchell Sci. Soc. 43: 243-256. pl. 38-46, 48. Jl.1928. no.3/4.

Coker, W.C.
The distribution of Venus's fly trap (Dionaea muscipula) Journ. Elisha Mitchell Sci. Soc. 43: 221-228. pl.33. Jl.1928. no.3/4.

Coker, W.C.
Notes on Basidiomycetes. Journ Elisha Mitchell Sci. Soc. 43: 233-242. pl.36-37, 47-48. Jl.1928. no.3/4.
Saccoblastia caroliniana, Exidia minutissima, Eichleriella pulvinata, n.sp.

Hunt, G.W.
The development of peach sooty mold at normal and low temperatures. Journ. Elisha Mitchell Sci. Soc. 43: 217-220. pl. 31-32. Jl.1928. no.3/4
Fumago vagans.

Matthews, V.D.
Nowakowskiella and a new species of Pythium. Journ. Elisha Mitchell Sci. Soc. 43: 229-232.
Pythium papillatum, n.sp.

Journ. For. Suisse (Berne)
Aubert, S.
Hêtre à feuilles panachées. Journ. For. Suisse. 79: 170-171. illus. Jl.1928. no.7.

Journ. Hered. (Washington)

Austin, L.
Breeding pines for more rapid growth.
Journ. Hered. 19: 289-301. illus., pl. Jl. 1928. No.7.

Harrison, G.J.
Trellising cotton, a convenient method of handling breeding plots. Journ. Hered. 19: 324-326. illus. Jl.1928. no.7.

MacArthur, J.W.
A spontaneous tomato chimera. Journ. Hered. 19: 331-334. illus. Jl.1928. no.7.

Stout, A.B.
A new hardy seedless grape. Journ. Hered. 19: 316-323. illus. Jl.1928. no.7.

Journ. Indian Bot. Soc. (Madras)

Almeida, J.F.R.d'
On the shoot morphology of Limnanthemum. Journ. Indian Bot. Soc. 7: 1-11. illus. Mr. 1928. (Rec'd Jl.) no.1.

Blatter E., McCann, C. & Sabnis, T.S.
The flora of the Indus delta. IV. B. Plant-geographical considerations. Journ. Indian Bot. Soc. 7: 22-43. plates. Mr.1928 (Rec(d Jl.)

Fischer, C.E.C.
The original home of Santalum album Linn. Journ. Indian Bot. Soc. 7: 12-13. Mr.1928 (Rec'd Jl.) no.1.

Handa, M.R.
Akinetes in a species of Oedogonium. Journ. Indian Bot. Soc. 7: 15-16. Illus. Mr.1928. (Rec'd Jl.). no.1.

Kashyap, S.R.
A new species of Petalophyllum, Petalophyllum indicum Kashyap. Journ. Indian Bot. Soc. 7: 14. pl. Mr. 1928. no.1.

Singh, B.N.
A comparative study of the respiratory index, water-content and the rate of mechanical wounds in Hibiscus esculentus. Journ. Indian Bot. Soc. 7: 17-21. Mr.1928 (Rec'd Jl.) no.1.

Journ. Malayan Br. Roy. Asiatic Soc.
Foxworthy, F.W.
Tree names - a few changes. Journ. Malayan Br, Roy. Asiatic Soc. 5: 339-341. N.1927 (Rec'd Jl.1928). no.2.

Henderson, M.R.
A list of plants from Cameron's Highlands, Pahang. Journ. Malayan Br. Roy. Asiatic Soc. 5: 237-277. N.1927 (Rec'd Jl.1928) no.2.

Journ. Min. Agr. Gt. Brit. (London)
Long, H.C.
Weeds of arable land IV. Journ. Min. Agr. Gt. Brit. 35: 356-363. plates. Jl.1928. no.4.

Journ. N.Y. Bot. Gard.
Hollick, A.
A white oak killed by lightning. Journ. N. Y. Bot. Gard. 29: 179-182. illus. Jl.1928. no.343.

Small, J.K.
Botanical fields, historic and prehistoric. A record of exploration in the southeastern Coastal Plain in the spring of 1923. Journ. N. Y. Bot. Gard. 29: 149-179. illus. Jl.1928. no.343.

Landscape Arch. (Brookline, Mass.)
Van der Laan, W.C.
Florida plants, a series of lists for reference III. Vines, palms, cycads, ferns, grasses, perennials, etc. Landscape Arch. 18: 305-309. Jl. 1928. no.4.

Lesnická, Práce,
Sekanina, J.
Sypavka houbová na borovici. Die durch pilz verursachte schüttekrankheit der kiefer. Lesnická. Prace. 7: 308-327. 1928. no.5/6.
German résumé; p.325-327.

Meded. Labor. Tuinbouwpl. Landbouwhoogesch. Wageningen.
Lek, H.A.A. van der.
De celloidine-microtoomtechniek toegepast op het anatomisch onderzoek van houtgewassen (The application of the celloidin method to the anatomy of woody plants). [Meded.] Lab. Tuinbouwl. Landbouwhoogesch. Wageningen. 5. 27 p. 2 pl. My.1928.
English translation: p.18-27.

Minn. Hort. (Minneapolis)
Loftus, H. G.
Evergreens for Minnesota gardens. Minn. Hort. 56: 204-209. illus. Jl.1928. no.7.

Mitt. Deut. Landw. Ges. (Berlin)
Jüngst, O.
Die weltwirtschaftliche bedeutung der ölpalme und ihre nutzung in Afrika. Mitt. Deut. Landw. Ges. 43: 573-577. illus. Je.23, 1928. no.25.

Nat. Hort. Mag. (Washington, D.C.)
Averett, M.J.
Shrubs for birds and autumn beauty. Nat. Hort. Mag. 7: 81-85. illus. Jl.1928. no.3.

Correvon, H.
The terrestrial orchids. Nat. Hort. Mag. 7: 86-96. illus. Jl.1928. no.3.
From "Les plantes des montagnes et des rochers," Geneva, 1914; transl. by Bernard H. Lane.

Traub, H.
The development of American horticultural literature, chiefly between 1800 and 1850. Nat. Hort. Mag. 7: 97-103. Jl.1928. no.3.

Nature. (London)
Ashplant, H.
Yield variability in Hevea brasiliensis. Nature. 121: 1018-1019. Je.30, 1928. no.3061.

Mill, H.R.
Prof. Otto Nordenskjöld. Nature 121: 1026-1027. Je.30,1928. no.3061.

Naturwissenschaften (Berlin)
Buchner, P.
Die grenzen des symbioseprinzipes. Naturwissenschaften. 16: 517-521. Je.29,1928. no.26.

Nord. Jordbrugsforskn. (København)
Iversen, K.
Erik Lindhard. Nord. Jordbrugsforskn. 1928: 1-6. port. no.1.

Witte, H.
Hjalmar von Feilitzen. Nord. Jordbrugsforskn. 1928: 7-10. port. no.1.

Perfum. & Essent. Oil Rec. (London)

McDowall, F.H.
The essential oil of Myoporum laetum Forst. (The "ngaio"). Perfum. & Essent. Oil Rec. 19: 221-223. Je.1928. no.6.

Pflanzenbau (Berlin)

Fruwirth, C.
Hopfenbau unserer tage. Pflanzenbau. 4: 369-376. Je.15, 1928. no.24.

Staffeld, U.
Einfluss der chemischen zusammensetzung des getreidekornes auf den ertrag. Pflanzenbau. 4: 376-382. Je.15,1928. no.24.

Pharm. Journ. (London)

Watt,J.M.
The uses and action of Brachylaena elliptica, Less. Bitterblaar or zuurbosch. Pharm. Journ. IV, 66: 602. Je.30,1928. no.3374.

Phytopath. (Lancaster,Pa.)

Cunningham, H.S.
Histology of the lesions produced by Sphaceloma fawcettii Jenkins on leaves of citrus. Phytopath. 18: 539-545. illus. Je.1928. no.6.

Massey, L.M.
Dry rot of gladiolus corns. Phytopath. 18: 519-529. illus., pl.x-xi. Je.1928. no.6.
Sclerotium gladioli, n.sp.

Ogilvie, L.
"Bladk tip," a finger-tip disease of the Chinese banana in Bermuda. Phytopath. 18: 531-538. illus. Je.1928. no.6.
Cercospora musarum.

Reddick, D.
Blight-resistant potatoes. Phytopath. 18: 483-502. Je.1928. no.6.
Phytophthora infestans.

Smith, C.O.
Oleander bacteriosis in California. Phytopath. 18: 503-518. pl.vii-ix. Je.1928. no.6.
Pseudomonas savastanoi var. nerii, n.var.

Phytopath. (cont.)

Thomas, H. E.

Root and crown injury to apple trees. Phytopath. 18: 547-551. Je. 1928. no.6.

Prakt. Blätt. Pflanzenb. u. Pflanzensch. (Freising)

Korff, G. & Böning, K.

Bericht über das auftreten von krankheiten und schädlingen an landwirtschaftlichen kulturpflanzen im Mai 1928. Prakt. Blätt. Pflanzenb. u. Pflanzensch. 28: 73-75. Je. 1928. no.3.

Weigert, J.

Das versuchsgeut nederling der Bayer. landesanstalt für pflanzenbau und pflanzenschutz im jahre 1928. Prakt. Blätt. Pflanzenb. u. Pflanzensch. 28: 53-72. Je.1928. no.3.

Proc. Acad. Nat. Sci. Phila.

Boyer, C.S.

Synopsis of North American Diatomaceae pt. II. Naviculatae, Surirellatae. Proc. Acad. Nat. Sci. Phila. 79, Suppl. p.231-383. 1927. (Rec'd Je.1928)

Proc. Biol. Soc. Wash.

St. John, H. & Warren, F.A.

The crinite headed Hieraciums of the northwest. Proc. Biol. Soc. Washington. 41: 107-110. Je.29, 1928.

Hieracium flettii, H. piperi, n.sp.

Proc. Imp. Acad. Tokyo

Kôketsu, R.

Variation of the water content of leaves in relation to the wilting of plants. Proc. Imp. Acad. Tokyo. 4: 229-230. My.1928, no.5.

Sinotô, Y.

Pollen development of Jussieua repens L. Proc. Imp. Acad. Tokyo. 4: 231-232. illus. My. 1928. no.5.

Proc. R. Soc. Victoria. (Melbourne)

Coverlid, A.M.

The leaf of Grewia polygama and its tannin content. Proc. Roy. Soc. Victoria. n.s., 39: 149-153. illus. O.1927 (Rec'd Jl. 1928) no.2.

Proc. R. Soc. Victoria. (cont.)
Ewart, A.J. & Jarrett, P.H.
Contributions to the flora of Australia, no.33. Additions to the flora of the northern territory and locality records. Proc. Roy. Soc. Victoria. n.s., 39: 154-161. O.1927. no.2.

Progr. Agr. & Vitic. (Montpellier)
Bènes, G.
Le court-noué, Progr. Agr. & Vitic. 90: 13-16. Jl.1, 1928. no.27.

Bourdiol, & Humbert.
Le court-noué. Progr. Agr. & Vitic. 90: 17-19. Jl.1, 1928. no.27.

Limouzy, J.
Le rot blanc. Progr. Agr. & Vitic. 90: 3-4. col.pl. Jl.1, 1928. no.27.
Coniothyrium diplodiella.

Ravaz, L.
Recherches sur le court-noué (résumé) Progr. Agr. & Vitic. 90: 5-11. Jl.1,1928. no.27.

Progreso Agr. y Pec. Madrid.
Luis de la Loma, J.
Don Leandro Navarro ha muerto. Progreso Agr. y Pec. Madrid. 34: 621-622. port. Je.30, 1928. no.1540.

Quart. Journ. Indian Tea Assoc. (Calcutta)
Harler, C.R.
Tea in Java. Quart. Journ. Indian Tea Assoc. 1928: 1-44. plates. no.1.
Pests and blights: p.35-38.

Tunstall, A. C.
Vegetable parasites of the tea plant (concl.) Quart. Journ. Indian Tea Assoc. 1928: 45-57. no.1.

Queensl. Agr. Journ. (Brisbane)
Francis, W.D.
Queensland rain-forest trees. Queensl. Agr. Journ. 29: 402-403. illus. Je.1928. no.6.
The red ash (Alphitonia petriei)

Relaz. Congr. Naz. Fruttic.
Petri, L.
Il mal del piombo del pesco. Relaz. Congr. Naz. Fruttic. II,1927. p.123-148. illus. 1928.

Rev. Agr. Ile Maurice (Maurice)
Orian, G.
Le "bitten-leaf disease" du cocotier. Rev. Agr. Ile Maurice. 38: 86-87. Mr./Ap.1928.
Thielaviopsis paradoxa.

Rev. Bot. Appl. (Paris)
Annotel, F.
De l'influence du phosphate de chaux sur le rendement et la valeur nutritive du paddy. Rev. Bot. Appl. 8: 397-403. Je. 1928. no.82

Beauverie, M.A.
Les maladies à virus d'après les travaux récents (concl.) Rev. Bot. Appl. 8: 404-410. Je. 1928. no.82.

Chevalier, A.
Révision des acacias du nord, de l'ouest et du centre africain (cont.) Rev. Bot. Appl. 8: 432-434. Je.1928. no.82.

Kopp, A.
Données récentes sur la culture du palmier à huile (concl.) Rev. Bot. Appl. 8: 410-421. Je.1928. no.82.

Rev. Gén. Bot. (Paris)
Bouget, J.
Les différents modes d'adaptation a l'altitude du Poa annua. Rev. Gén. Bot. 40: 321-327. Je. 1928. no.474.

Guilliermond, A.
Recherches sur quelques ascomycètes inférieurs isolés de la stigmatomycose des graines de cotonnier. Essai sur la phylogénie des ascomycètes. Rev. Gén. Bot. 40: 328-342. illus. Je.1928. no.474.

Kourssanow, A.L.
De l'influence de l'Ustilago tritici sur les fonctions physiologiques du froment. (concl.) Rev. Gén. Bot. 40: 343-371. Je.1928. no.474.

Liubimenko, V.
Les pigments des plastes et leur transformation dans les tissus vivants de la plante (cont.) Rev. Gén. Bot. 40: 372-381. Je.1928. no.474.

Rev. Gén. Hort. Fruit. (Paris)
Rolet, A.
La rouille orangée des rosiers. Rev. Gén. Hort. Cult. Fruit. 6: 996-997. My.1928. no. 61.
Phragmidium sp.

Rev. Gén, Sci. (Paris)
Nobécourt, P.
Pathologie végétale et pathologie animale. Rev. Gén. Sci. 39: 369-373. Je.30,1928. no.12.

Rev. Hist. Nat. Appl. pt.I. (Paris)
Dalacour, J.
Notes sur quelques parcs nationaux de l'Amerique du Nord. Rev. Hist. Nat. Appl. Pt. I. 9: 161-168. Je.1928. no.6.

Roczn. Nauk Rolnicz. i Leśn. (Polish Agr. & For. Ann.) (Poznán
Horowitz, B.
Badania nad zmiennościa ziemniaka (Solanum tuberosum) Roczn. Nauk Rolnicz. i Leśn. (Polish Agr. & For. Ann.) 19: 423-462. 1928. no.3.
German résumé (Untersuchungen über die variabilität der kartoffelknolle)L p.460-462.

Moldenhawer, K.
O mieszańcach zyta z Aegilops. Roczn. Nauk Rolnicz. i Leśn. (Polish Agr. & For. Ann.) 19: 407-422. illus. 1928. no.3.
German résumé (Ueber gattungsbastarde zwischen Aegilops und roggen): p.419-422.

Stecki, K., Slósarz, Z. & Wiertelak, M.
Studja nad brzoza czarna (Betula obscura Kot.) w Polsce. Roczn. Nauk Rolnica. i Leśn. (Polish Agr. & For. Ann.) 19: 341-380. 1928. no.3.
German résumé (I. Studien über Betula obscura Kot. in Polen. II. Bestimmung des betulins in der rinde von Betula obscura Kot.): p.374-376,380.

Science. (Lancaster,Pa.)
Vaughan, W.T.
The biologic aspects of hay fever and asthma. Science. 68: 1-6. Jl.6, 1928. no.1749.

Science Progr. (London)
Lebour, M.V.
Dinoflagellates. Science Progr. 23(89): 124-134. illus. Jl.1928.

Seed World. (Chicago)
Bouquet, A.G.B.
Simplifying vegetable nomenclature. Seed World. 24: 16-17, 35. Jl.13, 1928. no.1.

Powers, L.
Crop breeding work at Montana. Seed World. 24: 12-14. illus. Jl.13,1928. no.1.

Soil Science. (Baltimore)
Gilbert, B.E. & McLean, F.T.
A "deficiency disease:" the lack of available manganese in a lime-induced chlorosis. Soil Sci. 26: 27-31. Jl.1928. no.1.

South. Flor. (Fort Worth, Tex.)
Pyle, R.
Progress of arboretums recorded. South. Flor. 25(13): 11, 25-26. Jl.6, 1928.

Succulenta (Leeuwarden)
Tischer, A.
Buitenlandsche bijdragen. Conophytum multicolor Tisch. spec.nov. Succulenta. 10: 127-128. Jl. 1928. no.7.

Verbeek, Wolthuys, J.J.
In memoriam, Dr. Joseph Nelson Rose. Succulenta 10: 125-127. Jl. 1928. no.7.

Tasmanian Fruitgrow. & Farm. (Franklin, Tasm.)
Thomas, P.H.
Disease of small fruits. Necessity for vigilance. Tasmanian Gruitgrow. & Farm. 13(154): 5. Je.1,1928.

Terre Vaud (Lausanne)
Faes, H.
Paul Tonduz. Terre Vaud. 20:388. Je.30,1928. no.26.

Tidsskr. Planteavl. (København)
Jørgensen, C.A.
Gulspidssygen. Dens udbredelse, aarsager og bekaempelse. Tidsskr. Planteavl. 34: 76-116. illus., pl. i. 1928. no. 1.
English summary "The 'gulspids' (white-tip)" disease in Denmark, its distribution, causes and control): p.115-116.

Tijds dhr. Plantenz. (Amsterdam)
Koning, M.d.
Lorkenkanker. Tijdscrh. Plantenz. 34: 179-181. Je. 1928. no.6.

Trans. & Proc. New Zeal. Inst. (Wellington, N.Z.)
Laing, R.M.
New Zealand bangiales (Bangia, Prophyra, Erythrotrichia and (?) Erythrocladia) Trans. & Proc. New Zeal. Inst. 59: 33-59. pl.1-15. My.1928. no.1.

Turner, E.P.
A brief account of the re-establishment of vegetation on Tarawera Mountain since the eruption of 1886. Trans. & Proc. New Zeal. Inst. 59: 60-66. pl.16-19. My.1928. no.1.

Tropenpfl. (Berlin)
Kolbe, D. W.
Wildwachsende australische futterpflanzen, deren vermehrung und verwendung. Tropenpfl. 31: 221-238. Je.1928. no.6.

U.S. Dept. Agr. Misc. Publ.
Martin, J.F.
Protect western white pine and sugar pine from blister rust. U. S. Dept. Agr. Misc. Publ. 23. fold. illus. (part col.) Ap.1928.
Western edition.

U. S. Dept. Agr. Plant Dis. Rep.
White, R.P.
An infectious chlorosis of roses. U.S.Dept. Agr. Plant Dis. Rep. 12: 33-34. Jl.1,1928. no.4.

Versl. en Meded. Plantenziektenk. Dienst. Wageningen.
De aardappelziekte (Phytophthora infestans DeBary. Versl. en Meded. Plantenz. Dienst Wageningen 52. 16 p. My.1928.

Vict. Nat. (Melbourne)
Nicholls, W.H.
Greenhood orchids (Pterostylis) in abnormal seasons. Vict. Nat. 45: 43-47. illus. Je.1928. no.2.

Williamson, H.B.
The lilies of Victoria. pt. II. Vict. Nat. 45: 33-41. illus. Je.1928. no.2.

Vie Agr. et Rur. (Paris)

Diffloth, P.

L'assolement dans la lutte contre les parasites de la betterave. Vie Agr. et Rur. 32: 20-22. illus. Jl.8, 1928. no.28.

Nematodes on sugar beets.

Wisconsin Hort. (Madison)

Schulte, I.J.

History and species of the iris. Wisconsin Hort. 18: 289-291. illus. Jl.1928. no.11.

Smith, H.H.

Plants which feed upon animals. Wisconsin Hort. 18: 287-288, 310. illus. Jl.1928. no.11.

Zeitschr. Pilzk. (Leipzig)

Buchs,

Boletus luridus, der netzstielige hexenpilz essbar? Zeitschr. Pilzk. 12(n.s.7): 89-90. Je. 1928. no.6.

Huber, H.

Sarcoscypha coccinea Jacq. zinnoberroter borstling. Zeitschr. Pilzk. 12(n.s.7): 83-85, pl.5. Je.1928. no.6.

Koch, G.

Ist der hexenpilz (Boletus luridus) giftig oder essbar? Zeitschr. Pilzk. 12(n.s.7): 87-88 Je. 1928. no.6.

Singer, R.

Verschiedene beiträge zur geniessbarkeit des netzstieligen hexen-röhrlings. Zeitschr. Pilzk. 12(n.s.7): 85-87. Je.1928. no.6.

Ein gefahrlicher giftpilz?

Boletus luridus.

Wiepken, O.

Der netzstielige hexen-röhrling nicht giftig. Zeitschr. Pilzk. 12(n.s.7): 88. Je.1928. no.6.

Boletus luridus.

Zeitschr. Sukkulentk. (Berlin)

Bödeker, F.

Ueber Mamillaria scheeri Mühlenpf. und Mamillaria valida Purp. (syn. Mam. saltillensis Böd.) Zeitschr. Sukkulentk. 3: 268-270. illus. Je. 1928. no. 12.

Böhme, O.

Kakteen und hausschwamm. Zeitschr. Sukkulentk. 3: 267-268. Je.1928. no.12.

Merulius domesticus.

König, G.

Ariocarpus trigonus K. Sch. Zeitschr. Sukkulentk. 3: 274-275. col.pl. Je.1928. no.12.

Schwantes, G.

Dr. Julius Derenberg. Zeitschr. Sukkulentk. 3: 257-259. port. Je.1928. no.12.

Died March 11, 1928.

Schwantes, G.

Neue mesembriaceen II. Zeitschr. Sukkulentk. 3: 275-280. Je.1928. no.12.

Zuckerrübenbau. (Hannover)

Rademacher, B.

Die luzerne und ihre unkräuter in der nematodenreiningungsfruchtfolge. Zuckerrübenbau. 10: 103-106. Je.1928. no.6.

Exper. Stat. Publ.

Young, V.H.

Cotton wilt studies I- Arkansas Agr. Exp. Stat. Bull.226. 50 p. illus. Je.1928.

I. Relation of soil temperature to the development of cotton wilt.

Crandall, C.S.

Native crabs: their behavior in breeding. Illinois Agr. Exp. Stat. Bull. 311: 535-560. Je. 1928.

Hackleman, J.C., Sears, O.H. & Burlison, W.L.

Soybean production in Illinois. Illinois Agr. Exp. Stat. Bull. 310: 467-531. illus. Je.1928.

Exper. Stat. Publ. (cont.)

Melhus, I.E., Van Haltern, F.H. & Bliss, D.E.
A study of Sclerospora graminicola (Sacc.) Schroet. on Setaria viridis (L.) Beauv. and Zea mays L. Iowa Agr. Exp. Stat. Res. Bull. 111. p. 297-338. illus. Ap.1928.

Porter, D.R.
Infectuin studies with watermelon wilt caused by Fusarium niveum EFS. Iowa Agr. Exp. Stat. Res. Bull. 112. p.347-368. illus. My.1928.

Bessey, E.A.
Report of the section of botany for the year July 1, 1925 to June 30, 1926. Ann. Rep. Mich. Agr. Exp. Stat. 38: 252-253. 1927.

Liu, K.M.
The breeding of strains of A-tester yellow dent corn. Michigan Agr. Exp. Stat. Techn. Bull. 90. 40 p. illus. Ap.1928.

Thomas, R.C. & Magruder, R.
Early cabbage resistant to the yellows disease. Ohio Agr. Exp. Stat. Bimonth. Bull. 13: 142-144. illus. Jl./Ag. 1928. no.4.

Knowlton, G.F.
The beet leafhopper in Utah, a study of its distribution and the occurrence of curly-top. Utah Agr. Exp.Stat. Bull.205. 23 p. illus. Je.1928.

State Publications.

Day, L.H.
Pear blight control in California. Univ. California Coll. Agr. Agr. Ext. Serv. Circ. 20. 50 p. illus. Je. 1928.

Chupp, C.
Combating diseases of vegetables. Cornell Univ., Coll. Agr. Cornell Ext. Bull. 171. 27 p. My.1928.

New Books.

Bonnier, G. & Leclerc du Sablon.
Cours de botanique ... fasc. VI, 2. ptie; VII, 1 ptie. (5-6 fasc. du tome second) avec la collaboration de M. Raoul Cerighelli. Paris, Librairie générale de l'enseignement, [1928?]

New Books (cont.)

Bonnier, G.
Flore complete illustrée en couleurs de France... Suisse et Belgique ... tome 10 par R. Douin. fasc. 94. pl. 559-564. [1928]

Bresadola, J.
Iconographia mycologia. v.5, et Suppl. II. p.201-250. col. pl. 201-250. Mediolani, 1928.

Coker, W.C. & Couch, J.N.
The gasteromycetes of the eastern United States and Canada. Chapel Hill, Univ. North Carolina Press, 1928.

Endert, F. H.
Geslachtstabellen voor Nederlandsch-indische boomsoorten naar vegetatieve kenmerken met een beschouwing over de practische en systematische waarde dezer kenmerken. Wageningen, H. Veenman, & zonen, 1928.

Le Cointe, P.
Apontamentos sobre as sementes oleaginosas, os balsamos e as resinas da floresta Amazonica. 3. a edição. Belem - Pará., 1927.
Under vernacular names.

Lee, A.B.
Bolles Lee's Microtomist's vade-mecum ... 9th ed. edited by J. BrontëeGatenby and E.V. Cowdry Philadelphia, P. Blakiston's sons & co., 1928.

McCubbin, W.A. & Stuart, G.A.
Studies in wheat smuts. Harrisburg, Pa., Department of agriculture, [1928]

Massey, R.E.
Recent studies in plant physiology and pathology. With Walley, V.P. Cotton growing at the Gezira research farm. p.15-33. Khartoum, 1927.

Murashkinaky, K.E. & Ziling, M.K.
... Fungi nonnulli novi asiatici. I-II. Omsk, 1927-1928.
2 nos.
Reprinted from Trudy Sibirskogo Institute S.X. i L-va (Trans.Siver.Inst. Agr. & For.) v.8, no.1. v.9, no.1. 1927-28.
Latin diagnosis.

New Books (cont.)

Takenouchi, M.
Tarumae kasen-gun oyobi sanroku Heigen-shokubutsu-shiro [Brief description of the vegetation with plant list of Tarumai-volcano group and adjacent plain] [n.p.] 1928.

Thayer, C.L.
Spring flowering bulbs. N.Y., O.Judd. 1928.

Vecchierello, H.
A study of the origin and development of the radicle histogens of Quercus prinos. Washington, D.C., 1928.

Wulff, E.V.
... Flora Taurica. (Ialta?) 1927.
v.1. fasc.1.
V.1, f.1: Pteridophyta. Gymnospermae.
Russian.

Zahlbruckner, A.
Catalogus lichenum universalis. v.5, bog. 21-30. Leipzig, Gebrüder Borntraeger, [1928]

Reprints from Journals not yet rec'd or not available.

Reed, G.M.
The inheritance of resistance of oat hybrids to loose and covered smut. Reprinted from Ann. New York Acad. Sci. 30: 129-176. 1928.

Schaffnit, E.
Ueber das specialisierungsproblem bei parasitischen pilzen. Reprinted from Angew. Bot. 10: 170-177. 1928. no.2.

BOTANY
CURRENT LITERATURE

ADDITIONS TO THE BOTANICAL CATALOGUE, BUREAU OF PLANT INDUSTRY.
COMPILED FROM PUBLICATIONS RECEIVED IN THE
LIBRARY OF THE UNITED STATES DEPARTMENT OF AGRICULTURE, WASHINGTON, D. C.

★ AUG 27 1928 ★
U. S. Department of Agriculture

V.10, no. 16. July 23-Ag.4, 1928.

Agron. Colon. (Paris)
Jumelle, H.
L'arbre à huile de bois de Chine à Madagascar. Agron. Colon. 17: 149-153. My.1928. no.125.
Aleurites fordii, A.montana.

Amer. For. & For. Life. (Wash., D. C.)
Arnold, F.R.
Utah's most valuable tree. Amer. For. & For. Life. 34: 491-493. illus. Ag.1928, no.416.

Amer. Jour. Pharm. (Philadelphia)
Gordon, S.M.
The non-volatile constituents of Mentha aquatica, Linne. Amer. Journ. Pharm. 100: 433-449. Jl.1928. no.7.
Studies in the genus Mentha 16.

Amer. Year Book.
Haskell, R. J.
Diseases of plants. Amer. Year Book. 1927: 354-355. 1928.

Ann. Appl. Biol. (London)
Bennett, F. T.
On Cladosporium herbarum: the question of its parasitism, and its relation to "thinning out" and "deaf ears" in wheat. Ann. Appl. Biol. 15: 191-212. illus. pl. x-xi. My.1928. no.2.

Bennett, F.T.
On two species of fusarium, F. culmorum (W. G.Sm.) Sacc. and F. avenaceum (Fries) Sacc., as parasites of cereals. Ann. Appl. Biol. 15: 213-244. illus. pl. xii-xiii. My.1928. no.2.

Roach, W.A. & Glynne, M.D.
The toxicity of certain sulphur compounds to Synchytrium endobioticum, the fungus causing wart disease of potatoes. Ann. Appl. Biol. 15: 168-190. My.1928. no.2.

Ann. Appl. Biol. (cont.)

Smith, J. H.
Experiments with a mosaic disease of tomato. Ann. Appl. Biol. 15: 155-167. pl.ix. My.1928. no.2.

Stirrup, H.H. & Cranfield, H.T.
Attempts to control bunt (Tilletia tritici, Wint,) in wheat with a formalin-gypsum dust. Ann. Appl. Biol. 15: 245-250. My.1928. no.2.

Ann. R. Bot. Gard. Peradeniya.

Alston, A.H.G.
The Ceylon species of Glochidion. Ann. Roy. Bot. Gard. Peradeniya. 11: 1-10. pl. 1. My. 1928. no.1.
Glochidion pachycarpum, G. acutifolium, sp.nov.

Gadd, C.H. & Bertus, L.S.
Corticium vagum B. & C. - The cause of a disease of Vigna oligosperma and other plants in Ceylon. Ann. Roy. Bot. Gard. Peradeniya. 11: 27-49. pl.vi-ix. My.1928. no. 1.

Haigh, J.C.
Report on a bark examination of Peradeniya and Heneratgoda rubber trees. Ann. Roy. Bot. Gard. Peradeniya. 11: 63-99. pl. xii-xv. My.1928. no.1.

Livera, E. J.
Notes on some Ceylon plants. Ann. Roy. Bot. Gard. Peradeniya. 11:101-104. My.1928. no.1.
Mariscus thwaitesii, n.sp.

Petch, T.
A note on amu (Paspalum scrobiculatum L.) Ann. Roy. Bot. Gard. Peradeniyz. 11: 105-107. My, 1928. no.1.

Ragunathan, C.
Bacterial leaf spot of betel. Ann. Roy. Bot. Gard. Peradeniya. 11: 51-61. pl. x-xi. My. 1928. no.1.
Bacterium betle.

Skvortzow, B.W.
On some freshwater algae from Ceylon collected by W. P. Lipsky in 1908. Ann. Roy. Bot. Gard. Peradeniya. 11: 109. illus. My.1928. no.1.

Ann. Sci. Agron. (Paris)
Brioux, Ch.
Les cultures expérimentales en pots et leur yechnique. Ann. Sci. Agron. 45: 226-236. plates. My./Je. 1928. no. 3.

Ann. Univ. Stellenbosch. (Cape Town)
Duthie, A.V.
A contribution to our knowledge of the Stellenbosch flora. New or little flowering plants of the Stellenbosch flats. Ann. Univ. Stellenbosch. v.6,A, no.3. 8 p. 4 pl. My.1928.

Ann. Rep. East Malling Res. Stat. (East Malling, Kent)
Amos, J., Hatton, R.G., Knight, R.C. & Massee, A.M.
"Reversion" in black currants. Its causes and eradication. Ann. Rep. East Malling Res. Stat. 1927: 43-46. My.1928. no. 1.

Harris, R.V.
Raspberry cane spot and its control. Ann. Rep. East Malling Res. Stat. 1927: 57-63. My.1928. no.1.

Wormald, H.
[Report on] plant pathology for the year 1927. Ann. Rep. East Malling Res. Stat. 1927: 53-56. My. 1928. no.1.

Ann. Rep. Exp. & Res. Stat. Nursery & Mark. Gard. Industr. Devel. Soc. (Cheshunt)
Bewley, W.F. & Corbett, W.
"Mosaic" diseases of the tomato. Ann. Rep. Exp. & Res. Stat. Nursery & Mark. Gard. Industr. Devel. Soc. 13: 51-59. 1928.

Corbett, W.
A new "Wilt" disease of the carnation. Ann. Rep. Exp. & Res. Stat. Nursery & Mark. Gard. Industr. Devel. Soc. 13: 42-43. 1928.
Alternaria sp.

Small, T.
A disease of the strawberry plant. Ann. Rep. Exp. & Res. Stat. Nursery & Mark. Gard. Industr. Devel. Soc. 13: 45-46. 1928.
Diplodina lycopersici.

Ann. Rep. Exp. & Res. Stat. Nursery & Mark. Gard. Industr. Devel. Soc. (cont.)

Small, T.
Tomato leaf mould. Ann. Rep. Exp. & Res. Stat. Nursery & Mark. Gard. Industr. Devel. Soc. 13: 46-51. 1928.
Cladosporium fulvum.

White, H.L.
Powdery mildew of the carnation. Ann. Rep. Exp. & Res. Stat. Nursery & Mark. Gard. 13: 43-44. 1928.

Williams, P. H.
A bacterial disease of the chrysanthemum. Ann. Rep. Exp. & Res. Stat. Nursery & Mark. Gard. Industr. Devel. Soc. 13: 32-38. 1928.

Williams, P. H.
Botrytis stem rot of the rose. Ann. Rep. Exp. & Res. Stat. Nursery & Mark. Gard. Industr. Devel. Soc. 13: 41-42. 1928.

Williams, P. H.
The effect of some compounds on Verticillium wilt of the tomato. Ann. Rep. Exp. & Res. Stat. Nursery & Mark. Gard. Industr. Devel. Soc. 13: 38-41. 1928.

Arch. de Bot. Caen. Bull. Mens.

Choisy, M.
Sur un can tératologique curieux du Parmelia prolixa Ach. Arch. Bot. Caen. Bull. Mens. 2: 82-84. illus. My.1928. no.5.

Choux, P.
Quelques nouveaux exemples de polymorphisme chez les Asclépiadacées aphylles de Madagascar. Arch. Bot. Caen. Bull. Mens. 2: 78-81. My.1928. no.5.

Frémy, P. & Meslin, R.
Trois oscillariées nouvelles pour la flore française. Arch. Bot. Caen. Bull. Mens. 2: 73-78. illus. My.1928. no.5.
Schizothrix vuscescens, Microcoleus sociatus, Lyngbya martensiana.

Arch. de Bot. Caen. Bull. Mens. (cont.)
Litardière, R. de.
Le Petasites albus (L.) Gaertn. en Corse. Arch. Bot. Caen. Bull. Mens. 2: 84-85. My. 1928. no.5.

Arch. Protistenk. (Jena)
Geitler, L.
Ueber die tiefenflora an felsen im Lunzer untersee. Arch. Protistenk. 62: 96-104. illus. Je. 1928. no.1.

Arsskr. Svenska Sällskap.
Forsstrand, C.
Carl Gustaf Ekeberg, hans färder till ostindien och kina, naturvetenskapliga intressen och förbindelser med Linné, Arsskr. Svenska Linné-Sällskap. 11: 147-161. illus. 1928.

Hult, O.
Om Roland Martin och hans studieresa till Paris 1754-1756. Arsskr. Svenska Linné-Sällskap. 11: 72-91. illus., ports. 1928.

Linnés almanacksuppsatser. Arsskr. Svenska Linné-Sällskap. 11:117-146. 1928.

150-arsminnet av Linnés död. Arsskr. Svenska Sällskap. 11: 162-172. 1928.

Virdestam, G.
Linné och Stenbrohult. Arsskr. Svenska Linné-Sällskap. 11:7-40. illus., ports. 1928.

Austral. Journ. Exp. Biol. & Med. Sci.
Bishop, W.B.S.
The distribution of manganese in plants and its importance in plant metabolism. Austral. Journ. Exp. Biol. & Med. Sci. 5: 125-141. Je. 1928. no.2.

Bergcultures(Batavia)
Steinmann, A.
Voorloopige mededeeling omtrent het optreden van Rhizoctonia batacicola (Taub.) Butler op Java. De Bergcultures. 2: 1506-1510. illus. Je.9, 1928. no.50.

Ber. Deut. Bot. Ges. (Berlin)

Bethge, H.
Ueber die kieselalge Sceletonema subsalsum (A.Cleve) Bethge. Ber. Deut. Bot. Ges. 46: 340-347. pl. xi. Je.1928. no.5.

Cholodny, N.
Ueber sogenannte eisenorganismen und die Naumannschen methoden der eisenbakterienforschung. Ber. Deut. Bot. Ges. 46: 317-323. Je.1928. no.5.

Gradmann, H.
Bemerkungen zur windefrage. Ber. Deut. Bot. Ges. 46: 348-354. Je. 1928. no.5.

Iwanoff, L.
Zur methodik der transpirationsbestimmung am standort. Ber. Deut. Bot. Ges. 46: 306-310. Je. 1928. no.5.

Molisch, H.
Rote wurzelspitzen. Ber. Deut. Bot. Ges. 46: 311-317. illus. Je. 1928. no.5.

Schiemann, E.
Chromosomenzahlen in der gattung Aegilops Ber.Deut. Bot. Ges. 46: 324-328. pl.viii-ix. Je. 1928. no.5.

Uphof, J.C.Th.
Eine basale blütenentwicklung bei Agave sisalana Perrine. Ber. Deut. Bot. Ges. 46: 301-305. illus. Je. 1928. no.5.

Werth, E.
Zur kenntnis des postglazialen klima- und vegetationswechsels. Ber. Deut. Bot. Ges. 46: 328-339. pl. x. Je.1928; no.5.

Biochem. Zeitschr. (Berlin)

Niethammer, A.
Fortlaufende untersuchungen über den chemismus der angiospermensamen und die äusseren natürlichen, wie künstlichen keimungsfaktoren I-II. Biochem. Zeitschr. 197: 241-244, 245-256. Je.1928. no.1/3.
I. Der einfluss des frostes auf die keimfähigkeit. II. Der acetaldehyd.

Biochem. Zeitschr. (cont.)

Sabalitschka, T.
Ueber die ernährung von pflanzen mit aldehyden VIII. Biochem. Zeitschr. 197: 193-196. Je. 1928. no.1/3.

Bot. Arch. (Königsberg)

Grimm, K.
Ueber die keimung des klees und äussere einflüsse auf diese. Bot. Arch. 21: 344-445. Je.1928. no.2.

Schulz, P.
Beiträge zur kenntnis fossiler und rezenter silicoflagellaten. Bot. Arch. 21: 225-292. illus. Je.1928. no.2.

Thomas, A.
Studien über den wasserhaushalt der hafers. Bot. Arch. 21: 293-343. illus. Je.1928. no.2.

Bot. Jahrb. Engl. (Leipzig)

Bornmuller, J.
Beiträge zur flora mazedoniens III. Bot. Jahrb. Engl. 61(Beibl. 140): 137-195. My.1928.

Bot. Mag. Tokyo.

Hagiwara, T.
Genetico-physiological studies on the formation of pigments in several organs of Japanese morning glories. Bot. Mag. Tokyo. 42: 293-301. Je. 1928. no.498.

Hayata, B.
On the systematic importance of the stellar system in the Filicales II. Bot. Mag. Tokyo. 42: 301-311. illus. Je. 1928. no.498.
In Japanese.

Ohki, K.
On the systematic importance of the spodagrams of the Bambuseaceae III. Bot. Mag. Tokyo. 42: 311-317. illus. Je. 1928. no.498.
In Japanese.

Yasuda, S.
Physiological researches on the fertility in Petunia violacea V. On the relation between soil moisture and the fertility. Bot. Mag. Tokyo. 42: 317-325. illus. Je.1928. no.498.
English summary: p.324.

Bull. Agr. Res. Inst. Pusa.
Sundararaman, S., Krishnan Nayar, C. & Ramakrishnan, T.S.
The stem-bleeding disease of arecanut (Areca catechu) caused by Thielaviopsis paradoxa von Hon. Bull. Agr. Res. Inst. Pusa. 169. 12 p. 4 pl. (part col) 1928.

Bull. Amer. Iris. Soc.
Reed, G. M.
The Japanese iris. Bull. Amer. Iris. Soc. 28: 40-50. illus. Jl.1928.
Iris kaempferi.

Bull. Comm. Géol. Finlande.
Sauramo, M.
On the development of Lake Höytiäinen in Carelia and its ancient flora. Bull. Comm. Géol. Finlande. 81. 42 p. illus., maps. Mr.1928.

Bull. Min. Agr. Egypt. Techn. & Sci. Serv.
Fahmy, T.
The fusarium disease of cotton (Wilt) and its control. Bull. Min. Agr. Egypt.Tech. & Sci.Serv. 74. 106 p. plates. 1928.

Bull. Soc. Agriculteurs Algérie.
Ducellier, L.
La caille et les semences de mauvaises herbes. Bull. Soc. Agriculteurs Algérie. 71: 25-33. Ap./Je. 1928. no.473.

Bull. Soc. Centr. For. Belgique (Bruxulles)
R., E.
Le chêne à feuilles de saule (Quercus phellos Linné). Bull. Soc. Centr. For. Belgique. 35: 239-243. plates. Je. 1928. no.6.

Bull. Soc. Mycol. France. (Paris)
Chauvin, E.
Considérations sur un empoisonnement faussement attribué à Amanita citrina. Bull. Soc. Mycol. France. 44: 124-134. My.1928. no.1.

Cook, W.R.I.
Quelques observations sur le genre Ligniera Bull. Soc. Mycol. France. 44: 105-108. My. 1928. no.1.

Bull. Soc. Mycol. France. (cont.)

Dupain, V.
Remarques sur une amanite récoltée dans le bois du Fouilloux, près la Mothe St-Héray. Bull. Soc. Mycol. France. 44: 112-114. My. 1928. no.1.
Amanita aspera.

Dupain, V.
Variété silvestre de Russula seperina Dupain. Bull. Soc. Mycol. France. 44: 115-116. My.1928. no.1.
Russula seperina, var. gaminii.

Killian, C. & Werner, R. G.
L'Ectostroma liriodendri Fr. des auteurs, maladie pseudocryptogamique du Liriodendron tulipifera L. Bull. Soc. Mycol. France. 44: 63-68. pl.vi-vii. My.1928. no.1.

Maire, R.
Diagnoses de champignons inédits de l'Afrique du Nord. Bull. Soc. Mycol. France. 44: 37-56. pl. i-v. (part col.) My.1928. no.1.

Martin-Sans, E.
Les empoisonnements par champignons en 1927. Bull. Soc. Mycol. France. 44: 121-123. My.1928. no.1.

Martin-Sans, E.
Une localité pyrénéene d'Amanita umbrinolutea Secr. Bull. Soc. Mycol. France. 44:117-120. My.1928. no. 1.

Mayor, E.
Herborisations mycologiques dans les Monts de Lacaune (Tarn.). Bull. Soc. Mycol. France. 44: 79-93. My.1928. no.1.

Melzer V. & Zvara, Jar.
Ceské holubinky (Russulae Bohemiae) Flore monographiquē des russules de Bohome. Bull. Soc. Mycol. France. 44: 135-146. My. 1928. no.1.
Résumé.

Bull. Soc. Mycol. France. (cont.)

Moreau, F. & Moreau, Mme. F.
Observations mycologiques en Auvergne en 1927. Bull. Soc. Mycol. France. 44: 69-78. My.1928. no.1.

Peltereau, E.
Notes bibliographiques concernant trois ouvrages sur les champignons claviformes de Holmskjold et Persoon. Bull. Soc. Mycol. France. 44: 57-62. My.1928. no.1.

Pouchet, A.
Note sur Tricholoma infumatum Bres. Bull. Soc. Mycol. France. 44: 109-111. illus. My.1928. no.1.

Sauger, M.
Étude sur les difficultées de la classification des champignons. Bull. Soc. Mycol. France. 44: 94-102. My.1928. no.1.

Sauger, M.
Menues observations sur Tricholoma nudum variété glaucocanum. Bull. Soc. Mycol. France. 44: 103-104. My.1928. no. 1.

Calif. Cult. (Los Angeles)

Maynard, B.E.
Prune die-back conquered. Calif. Cult. 71: 78. Jl.28, 1928. no.4.

Circ. Estac. Exp. Agr. Lima.

Abbott, E.V.
La enfermedad del "mosaico" o "matizado" de la caña de azúcar. Circ. Extac. Exp. Agr. Soc. Nac. Agr. Lima. 5. 10 p. col. pl. Ja.1928.
Trasmision del "mosaico" de la caña por medio de insectos, por Charles H. T. Townsend: p.10.

Citrus Indust. (Tampa, Fla.)

Fulton, H.R.
Decay in citrus fruits in transit. Citrus Industr. 9(7): 4-5, 32. Jl.1928.

Stevens, H.E.
Citrus diseases affecting the production of better fruit. Citrus Industr. 9(7): 6-7. Jl. 1928.

Il Coltivatore (Cassone)
Bressan, V.
Trattamenti anticrittogamici a secco contro la Peronospora e l'Oidium. Il Coltivatore. 74: 13-16. Jl.10,1928. no.19.

Compt. Rend. Acad. Agr. France. (Paris)
Capus, M.
Sur la teneur en cuivre des bouillies contre le mildiou de la vigne. Compt. Rend. Acad. Agr. France. 14: 854-864. Jl.4, 1928. no.25.

Compt. Rend. Acad. Sci. Colon.
Notice sur Louis Gentil. Compt. Rend. Acad. Sci. Colon. 6: 407-411. 1927(Rec'd Ag.1928)
Date of birth 1868.

Compt. Rend. Acad. Sci. Paris.
Clémencet,
Recherches sur le développement du périthèce dans le genre Elaphomyces. Compte.Rend.Acad.Sci. Paris. 187: 138-140. Jl.9,1928. no.2.

Hamet, R.
Sur l'identité de la yohimbine et de la québrachine. Compt. Rend. Acad. Sci. Paris. 187: 142-145. Jl.9,1928. no.2.
Pausinystalia johimbe, Aspidosperma quebracho blanco.

Milodivou, P.
Sur la constitution chimique des chondriosomes et des plastes chez les végétaux. Compt. Rend. Acad. Sci. Paris. 187: 140-142. Jl.9,1928. no.2.

Compt. Rend. Soc. Biol. Paris.
Chemin, E.
Sur la signification biologique des monospores Monospora pedicellata Sol. Compt. Rend. Soc. Biol. Paris. 99: 442-444. illus. Jl.13, 1928. no.24.

Dufrenoy, J.
Le vacuome des cellules de canne a sucre affectées de mosaique. Compt. Rend. Soc. Biol. Paris. 99: 503-505. illus. Jl.13, 1928. no.24.

Friedel, J.
Une hêpatique a fleurs doubles trouvées dans la forêt de Haye (environs de Nancy) Compt. Rend. Soc. Biol. Paris. 99: 411-412. Jl.6, 1928. no.23.

Contr. Gray Herb.

Johnston, I. M.
The botanical activities of Thomas Bridges. Contr. Gray Herb. n.s., 81: 98-106. Jl.1928.

Johnston, I.M.
Some undescribed American spermatophytes. (cont.) Contr. Gray Herb. n.s., 81: 85-98. Jl.1928.

Johnston, I.M.
Studies in the Boraginaceae VII. 1. The South American species of Heliotropium. 2. Notes on various Boraginoideae. Contr. Gray Herb. n.s., 81: 3-83. Jl.1928.

Robinson, B.L.
Records preliminary to a general treatment of the Eupatoriae VII. Contr. Gray Herb. 80: 1-42. Je.1928.

Weatherby, C. A.
A new species of Juncus from Colombia. Contr. Gray Herb. n.s., 81: 84. Jl.1928.
Juncus andreanus, n.sp.

Country Life. (London)

Taylor, G.C.
The garden at Wittington. Country Life. 64: 81-85. illus. Jl.21,1928. no.1644.

Country Life. (Amer. Garden City, N.Y.)

McLean, F.T.
The tranquil charm of the Japanese garden. Country Life. Amer. 54(4): 59-61. illus. Ag.1928.

Sherrard, D.
The rock garden in August. Country Life. Amer. 54(4): 35-36. illus. Ag. 1928.

Deut. Landw. Presse (Berlin)

Pape, H.
Krankheiten und schädlinge der futter- und wiesenpflanzen und irhe bekämpfung. (cont.) Deut. Landw. Presse. 55: 419. illus. Jl.14, 1928. no.28.

Fertiliser, Feeding Stuffs & Farm Supplies Journ.
Robinson, D.H.
Seed-borne diseases. Fertiliser, Feeding Stuffs & Farm Supplies Journ. 13: 455-456. Jl.11, 1928. no. 14.

Floralia. (Assen, Netherlands)
Schenk, P.J.
Calluswoekeringen aan frambozen en bramen. Floralia. 49: 443-444. illus. Jl.13, 1928. no. 28.

Florida Grow. (Tampa)
Gomme, W.
Disinfect seed and defeat disease. Prevention will reduce crop losses. Florida Grow. 36(8): 19. Ag.1928.

Flow. Grow. (Calcium, N.Y.)
Heath, F.M.
Dependable hardy lilies. Flow. Grow. 15: 353-354. illus. Ag. 1928. no. 8.

S., G.R.
Nematode gall and Lemoine disease. Flow. Grow. 15: 357. illus. Ag. 1928.

Gard. & Home Build. (Garden City, N.Y.)
Hamblin, S.F.
Phlox, flower of flame, Half a hundred hardy species that are easily grown. Gard. & Home Build. 47: 531, 578, 589. illus. Ag.1928. no. 6.

Gard. Chron. (London)
Brown, N.E.
Mesembryanthemum (cont.) Sphalmanthus N.E. Br. Gard. Chron. III, 84: 13, 34-35. Jl.7,14, 1928. no.2167-2168.

Bryan, H.
An indoor test for wart disease of potatoes. Gard. Chron. III, 84: 30-31. Jl.14,1928. no.2168.

C., F.J.
Hortus addlestonensis; an old garden catalogue Gard. Chron. III, 84: 30. Jl.14,1928. no.2168.

Gard. Chron. (cont.)

C., L.B.
Ranunculus glacialis. Gard. Chron. III, 84: 26-27. Jl.14,1928. no.2168.

Darnell, A.W.
The genus Primula (cont.) Gard. Chron. III, 84: 8, 32, 47-48. Jl.7, 14, 21,1928. no.2167-2169.

Dwarf genistas. Gard. Chron. III, 84: 28. Jl.14,1928. no.2168.

Howes, F.N.
An ornamental manihot. Gard. Chron. III, 84: 6. Jl.7,1928. no.2167.
Manihot utilissima.

Hurst, C.C.
Genetics of the rose. Gard. Chron. III, 84: 35-36, 54-55. Jl.14,21, 1928.

Professor Jinzo Matsumura. Gard. Chron. III, 84: 20. Jl.7,1928. no.2167.
Obituary notice.

Todd, E.E.
A revision of violas. (concl.) Gard.Chron. III, 84: 8. Jl.7,1928. no.2167.

Ward, F.K.
Mr. F. Kingdon Ward's tenth expedition in Asia. III. Manipur: an interlude. Gard. Chron. III, 84: 10-11, 50-51. illus. Jl.7, 21,1928. no. 2167, 2169.

Worsley, A.
Hippeastrum arechavaletae, Baker. Gard. Chron. III, 84: 49. illus. Jl.21,1928. no.2169.
Hippeastrum barbatum also described.

Yashiroda, K.
Oreocharis primuloides. Gard. Chron. III, 84: 48. illus. Jl.21,1928. no.2169.

Gartenfl. (Berlin)
Göritz, H.
Die kaiserkrone, Fritillaria imperialis L.
Gartenfl. 77: 249. illus. Jl.1928.

Liebsch, G.
Merkwürdige und schöne blattorgane X. Sonnentaugewächse. Gartenfl. 77: 242-244. illus. Jl. 1928.

Rauhut, G.
Die schlingpflanzen, ihre kultur und ihre verwendung in gärten mit deutschem klima (cont.)
Gartenfl. 77: 250-252. Jl.1928.

Gartenw. (Berlin)
Landgraf, T.
Wurzelälchen an gewächshausbegonien. Gartenw. 32: 354-355. illus. Je.29,1928. no.26.

Maas, J.
Schädlingsbekämpfung in der farm-kultur.
Gartenw. 32: 351-353. Je.29,1928. no.26.

Pape, H.
Eine seuche unter den löwenmauls. Gartenw. 32: 368-369. illus. Jl.6, 1928. no.27.
Phyllosticta antirrhini.

Gartn.-Tid. (København)
Skurv paa aeble og paere. Gartn.-Tid. 44: 373. illus. Jl.17,1928. no.29.

Glad. Rev. Amer. Gladiolus Soc. (Rochester,N.Y.)
Eirch, G.S.
New varieties. Glad. Rev. Amer. Gladiolus Soc. 5: 278-279. Ag.1928. no.5.

Gleanings in Bee Cult. (Medina, O.)
Lovell, J.H.
Cowpea as a honey plant. Gleanings in Bee Cult. 56: 512-513. illus. Ag.1928. no.8.

Hoppe-Seyl. Zeitschr. Phys. Chem. (Berlin)
Bernhauer, K.
Beiträge zur enzymchemie der durch Aspergillus niger bewirkten säurebildungsvorgänge I- Hoppe-Seyl. Zeitschr.Phys. Chem. 177: 86-106. Je. 1928. no.1/2.
I. Zur kenntnis der glucoxydasebildung.

House & Gard. (Greenwich, Conn.)

Le Gallienne, R.

The hidden gardens of Paris. House & Gard. 54: 54, 110, 114. Ag.1928. no. 2.

Wilson, E.H.

Hedge plants for different regions. Selections for various purposes and types of location in the East, West, North and South. House & Gard. 54: 68-69, 130,152. illus. Ag.1928. no.2.

Wister, J.C.

What is new in iris. House & Gard. 54: 70-71, 134, 136. illus. Ag.1928. no.2.

A symposium of the best among newer varieties.

Indische Mercuur (Amsterdam)

Ziekten en plagen bij hevea in het jaar 1927. Indische Mercuur. 51: 584. Jl.18,1928. no.29.

Informe Estac. Exp. Agr. Soc. Nac. Agr. Lima.

Abbott, E.

Plagas fungosas de los vegetales. Informe Estac Exp. Agr. Soc. Nac. Agr. Lima. 4. 11 p. plates. Mr.1928.

Jahr. Ver. Vaterl. Naturk. Württemberg. (Stuttgart)

Hanemann,

Ergebnisse der floristischen durchforschung des östlichen und nordöstlichen teiles Württembergs. Jahr. Ver. Vaterl. Naturk. Württembergs. 83:23-48. 1927 (Rec'd Ag.1928)

Poeverlein, H. & Bertsch, K.

Beiträge zur pilzflora von Württemberg. III. Rostpilze (uredineen). Jahr. Ver. Vaterl. Naturk. Württemberg. 83: 159-197. 1927 (Rec'd Ag.1928)

Rauther, M.

Valentin Haecker. Jahrb. Ver. Vaterl. Naturk. Württemberg. 83: XXXVII-XXXIX. 1927 (Rec'd Ag.1928)

Jahrb. Wiss. Bot. (Leipzig)

Brauner, L.

Untersuchungen über das geoelektrische phänomen II. Membranstruktur und geoelektrischer effekt. Ein beitrag zum permeabilitätsproblem. Jahrb. Wiss. Bot. 68: 711-770. illus. Je.1928. no.5.

Jahrb. Wiss.Bot. (cont.)

Jaccard, P. & Frey, A.
Einfluss von mechanischen beanspruchungen auf die micellarstruktur, verholzung und lebensdauer der zug- und druckholzelemente beim dickenwachstum der bäume. Jahrb. Wiss. Bot. 68: 844-866. illus. pl.15. Je.1928. no.5.

Montfort, C. & Neydel, K.
Zur beurteilung der "inaktivierung" und des "zeitfaktors" der lichtwirkung bei der assimilation stomata-freier schatten-farne. Jahrb. Wiss. Bot. 68: 801-843. Je.1928. no.5.

Schmucker, T.
Ueber den einfluss narkotischer stoffe auf transpiration und wasserleitung. Jahrb. Wiss. Bot. 68: 771-800. illus. Je.1928.

Schüepp, O.
Untersuchungen und konstruktionen zur theorie der einfachen spiralstellung. Jahrb. Wiss.Bot. 68: 867-886. illus. Je.1928. no.5.

Journ. Agr. Res.

Dunning, D.
A tree classification for the selection forests of the Sierra Nevada. Journ. Agr. Res. 36: 755-771. My.1, 1928 (Rec'd Jl. 28) no.9.

Haymaker, H.H.
Pathogenicity of two strains of the tomato-wilt fungus, Fusarium lycopersici Sacc. Journ. Agr. Res. 36: 675-695. illus. Ap.15,1928 (Rec'd Jl. 21) no.8.

Haymaker, H.H.
Relation of toxic excretory products from two strains of Fusarium lycopersici Sacc. to tomato wilt. Journ. Agr. Res. 36: 697-719. illus. Ap.15, 1928. (Rec'd Jl.21) no. 8.

Lehman, S.G.
Frog-eye leaf spot of soy bean caused by Cercospora diazu Miura. Journ. Agr. Res. 36: 811-833. illus. My.1,1928 (Rec'd Jl.28) no.9.

Journ. Agr.Res. (cont.)

Tiedjens, V.A.
The relation of environment to shape of fruit in Cucumis sativus L. and its bearing on the genetic potentialities of the plants. Journ. Agr. Res. 36: 795-809. illus. My.1, 1928. (Rec'd Jl.28) no.9.

Tiedjens, V.A.
Sex ratios in cucumber flowers as affected by different conditions of soil and light. Journ. Agr. Res. 36: 721-746. illus. Ap.15,1928 (Rec'd Jl.21) no.8.

Journ. Bot. (London)

Ardagh, J.
Ballard's "Catalogue of Islington plants" Journ.Bot. 66: 185-194. Jl. 1928. no.787.

Becherer, A.
Winterl's species "novae". Journ. Bot. 66: 201-202. Jl. 1928. no.787,

Bolus, L.
Novitates africanae (cont.) Journ. Bot. 66: 195-200. illus. Jl.1928. no.787.

Dalgleish, J.G.
The red form of Spirodela polyrhiza L. Journ. Bot. 66: 209-210. Jl.1928. no.787.

Exell, A.W.
Mr. John Gossweiler's plants from Angola and Portuguese Congo (cont.) Journ. Bot. 66(Suppl.): 137-144. Jl.1928. no.787.

Grove, W.B.
Puccinia pygmaea Eriks. discovered in Britain. Journ. Bot. 66: 211. Jl.1928. no.787,

Pugsley, H.W.
The longevity of seeds. Journ. Bot. 66: 203-204. Jl.1928. no. 787.

Rendle, A.R.
Carpel morphology in the Cruciferae. Journ. Bot. 66: 208-209. Jl.1928. no.787.

Journ. Bot. (cont.)

Salmon, C.E.
Diplotaxis tenuifolia DC. var. integrifolia Koch. Journ. Bot. 66: 204-206. Jl.1928. no.787.

Sprague, T.A.
Juncus alpino-articulatus. Journ. Bot. 66: 210. Jl.1928. no. 787.

Journ. Coll. Agr. Imp. Univ. Tokyo.

Kunieda, H.
On the development of the sexual organs and embryogeny in Sargassum horneri Agr. Journ. Coll. Agr. Imp. Univ. Tokyo. 9: 383-396. illus. pl. xxi-xxiii. My.15,1928. no.5.

Journ. Dept.Agr. Porto Rico. (Rio Piedras)

Cook, M.T. & Gleason, H.A.
Ecological survey of the flora of Porto Rico. Journ. Dept. Agr. Porto Rico. 12: 1-139. plates. Ja./Ap.1928. no.1/2.
Common names: p.124-139.

Journ. Landw. (Berlin)

Bär,K.
Untersuchungen an rot- und schafschwingel. Journ. Landw. 76: 129-150. Jl.1928. no.2.

Meyer,K.
Untersuchungen über den keimungsverlauf von winterweizensorten in zuckerlösungen. Journ. Landw. 76: 151-181. Jl.1928. no.2.

Rippel, A. & Poschenreider, H.
Prinzipielle bemerkungen zur stickstoffbindung durch mikroorganismen. Journ. Landw. 76: 101-112. Jl.1928. no.2.

Journ. Pomol. & Hort. Sci. (London)

Grubb, N.H.
An analysis of the effects of potash fertilizers on apple trees at East Malling. Journ. Pomol. & Hort.Sci. 7: 32-59. pl.v-vii. Jl.1928. no.1/2.

Hatton, R.G., Amos, J. & Witt, A.W.
Plum rootstocks; their varieties, propagation, and influence upon cultivated varieties worked thereon. Journ. Pomol. & Hort. Sci. 7: 63-99. Plates. Jl.1928. no.1/2.
With an appendix by T.N. Hoblyn: p.97-99.

Journ. Pomol. & Hort. Sci. (cont.)

Swarbrick, T.
Factors governing fruit bud formation. VIII. The seasonal elongation growth of apple varieties on some vegetative rootstocks; and its possible relation to fruit bud formation. Journ. Pomol. & Hort.Sci. 7: 100-129. Jl.1928. no.1/2.

Wallace, T.
Leaf scorch on fruit trees. IV. The control of leaf scorch in the field. Journ. Pomol. & Hort. Sci. 7: 1-31. pl.iv-vii. Jl.1928. no.1/2.

Journ. S.E. Agr. Coll. Wye.

Goodwin, W., Salmon, E.S. & Ware, W.M.
The spraying of cherry orchards against "leaf-scorch". Journ. S.E. Agr. Coll. Wye. 25: 147-151. illus. 1928.

Salmon, E.S. & Ware, W.M.
Reports from the mycological department. Journ. S.E. Agr. Coll.Wye. 25: 142-146. 1928.

Kranke Pflanze. (Dresden)

Esmarch, F.
Die schwarzbeinigkeit der kartoffeln. Kranke Pflanze. 5: 108-109. Jl.1928. no.7.

Wegner, I.
Die bekämpfung des hausschwammes und verwandter pilzarten. Kranke Pflanze. 5: 109-112. Jl. 1928. no. 7.

K. Landtb. Akad.Handl. o Tidskr. (Stockholm)

Lundegardh, H.
Kulturväxternas kolhydratbildning, des förhallande till avkastningen och beroende av klimatet och markbeskaffenheten. K. Landtbr.Akad. Handl. o. Tidskr. 67: 471-559. illus. 1928. no.4.

Malayan Agr. Journ. (Kuala Lumpur)

Ward, F.S.
Preliminary report on Fusarium cubense causing Panama disease in Malaya. Malayan Agr. Journ. 16: 76-87. plates. Mr. 1928. no.3.

Matières Grass. (Paris)

Pieraerts, J. & Winter, F.de.
Contribution à l'étude chimique des malvales IV. Matières Grass. 20: 8224-8227. Jl.15, 1928. no.243.

Meded. Inst. Phytopath. Labor. Mycol. Aardappelonderz. Wageningen.

Van der Meer, J.H.H.
Vlasbrand (brûlure du lin). Meded. Inst. Phytopath. Labor. Mycol. Aardappelonderz. 34: 125-146. pl. iii-vi. 1928.
Pythium megalacanthum.

Meld. Norges Landbruks. (Oslo)

Hjorth-Hansen, S.
Den kjemiske sammensetning an solsikke (Helianthus annuus L.) på forskjellige utviklingsstadier. (The chemical composition of the sunflower at different stages of growth). Meld. Norges Landbruks. 8: 334-339. 1928. no.6.

Mem. Nat. Acad. Sci.

Smith, Erwin F.
Tumors, cysts, pith-bundles, and floral proliferations in Helianthus. Mem. Nat. Acad. Sci. 22(4). 5 p. 43 pl. 1927.

Möller's Deut. Gärtn.-zeit. (Erfurt)

Beck, A.
Verhütung und bekämpfung der an den treibgurken-pflanzen auftretenden pilz- oder fleckenkrankheiten (cont.) Möllers Deut. Gärtn.-Zeit. 43: 235-236. Jl.11, 1928. no. 20.

Tischer, A.
Conophytum violaciflorum, Schick et Tisch. spec. nov. Möllers Deut. Gärtn. Zeit. 43: 238-239. Jl.11, 1928. no.20.

Nature (London)

Marsden-Jones, E.M. & Turrill, W.B.
A tetraploid Saxifraga of known origin. Nature. 122: 58. Jl.14, 1928. no.3063.
Saxifraga rosacea X S. granulata.

Murphy, P.A.
The connexion between dry-rot of Swedes in New Zealand and British seed. Nature. 122: 13-14. Jl.7, 1928. no. 3062.

Phillips, J.
Influence of forest formation upon soil moisture. Nature. 122: 53-54. Jl.14, 1928. no.3063.

Naturwissenschaften (Berlin)

Möbius, M.

Die bedeutung Linnés für die botanik und zoologie in heutiger beurteilung. Naturwissenschaften. 16: 537-542. Jl.6,1928. no.27.

New Zeal. Journ. Agr. (Wellington)

Control of Brown-rot in stone-fruits. Experiments with peach-trees at Henderson,1927-28 season. New Zealand Journ. Agr. 36: 419. Je.1928. no.6.

Hilgendorf, F.W. & Hudson, A.W.

Wheat variety trials in Canterbury. New Zealand Journ. Agr. 36: 378-381 illus. Je.1928. no.6.

Rice, W.H.

Passion-fruit and its culture. New Zealand Journ. Agr. 36: 405-408. Je.1928. no.6.

North West. Nat. (Arbroath, Scotland)

Murray, J.

Cumberland mosses. (concl.) North West. Nat. 3: 91-92. Je.1928. no.2.

Nuovo Giorn. Bot. Ital. (Firenze)

Cengia-Sambo, M.

Un lichene epifillo su una palma di serra dell'Orto botanico di Firenze. Nuovo Giorn. Bot. Ital. n.s., 35: 257-258. 1928. no.2.

Lecanora micrommata on Cocos coronata.

Chiarugi, A.

Un nuovo elemento sardo-corso sul littorale toscano: "Romulea requienii" Parl., sensu lato. Nuovo Giorn. Bot. Ital. n.s., 35: 292-294. 1928. no. 2.

Colla, S.

Richerche sul ricambio idrico della crassulente a varie altezze. Nuovo Giorn. Bot. Ital. n.s., 35: 232-256. 1928. no.2.

I. Il ricambio idrico.

Forti, A.

Caro Benigno Massalongo. Nuovo Giorn. Bot. Ital. n.s., 35: 259-291. port. 1928. no.2.

Nuovo Giorn. Bot. Ital. (cont.)

Pampanini, R.
Il "Ranunculus seguieri" Vill. Nuovo Giorn. Bot. Ital. n.s., 35: 214-224. pl. viii. 1928. no. 2.

Ponzo, A.
Le plantule della flora trapanese III. Nuovo Giorn. Bot. Ital. 35: 169-213. illus. 1928. no.2.

Savelli, R. & Costa, T.
Inefficacia del campo magnetico alternante in esperienze di incrocio su "Cucurbita pepo" L. Nuovo Giorn. Bot. Ital. n.s., 35: 225-231. illus. pl. ix-x. 1928. no. 2.

Orchid Rev. (Richmond, England)

Arnold, R.E.
Cypripedium debile. Orchid Rev. 36: 195-196. illus. Jl.1928. no. 421.

Catt, G.
Coelogyne stanny (Burfordiensis). Orchid Rev. 36: 215-216. Jl.1928. no.421.

Cooper, E.
Vanda strangeana. Orchid Rev. 36: 196-197. Jl.1928. no.421.

Pharm.Journ. (London)

Ghosh, J.C.
Psoralia corylifolia. Pharm. Journ. 121: 54-55. Jl.21,1928. no.3377.

Philipp. Journ. Sci. (Manila)

Clara, F.M.
A Phytophthora disease of santol seedlings. Philipp. Journ. Sci. 35: 411-427. 4 pl. Ap. 1928. no.4.

Essig, E.O.
Charles Fuller Baker. Philipp. Journ.Sci. 35: 429-437. pl. Ap.1928. no.4.

Phytopath. (Lancaster, Pa.)

Boyce, J.S.
A possible alternate stage of Pucciniastrum myrtilli (Schum.) Arth. Phytopath. 18: 623-625. Jl.1928. no.7.

Davis, W.H.
A powdery mildew parasitizing Chinese cabbage. Phytopath. 18: 611-615. illus., pl. xiii. Jl. 1928. no. 7.

Gaines, E.F.
New physiologic forms of Tilletia levis and T. tritici. Phytopath. 18: 579-588. Jl.1928. no. 7.

Hill, J.B.
The migration of Bacterium tumefaciens in the tissue of tomato plants. Phytopath. 18: 553-564. pl. xii. Jl.1928. no.7.

Hursh, C.C.
The reactions of plant stems to fungous products. Phytopath. 18: 603-610. illus. Jl.1928. no. 7.

Immer, F.R. & Christensen, J.J.
Determination of losses due to smut infections in selfed lines of corn. Phytopath. 18: 599-602. Jl.1928. no. 7.

Immer, F.R. & Christensen, J.J.
Influence of environmental factors on the seasonal prevalence of corn smut. Phytopath. 18: 589-598. Jl.1928. no. 7.

Mackie, W.W.
A field method of insuring positive attack with some cereal diseases. Phytopath. 18: 617-621. Jl. 1928. no.7.

Newton, G.A.
Some fungi of the Stemphylium type and their relation to apple rots. Phytopath. 18: 565-578. illus. Jl.1928. no. 7.
Pleospora mali, Stemphylium congestum, n.sp.

Planta, Arch. Wiss. Bot. (Berlin)

Heitz, E.
Der bilaterale bau der geschlechtschromosomen und autosomen bei Pellia fabbroniana, P. epiphylla und einigen anderen jungermanniaceen. Planta, Arch. Wiss. Bot. 5: 725-768. illus., pl. vi. Je. 1928. no. 5.

Kindermann, A.
Haustorialstudien an Cuscuta-arten. Planta, Arch. Wiss. Bot. 5: 769-783. illus. Je.1928. no. 5.

Kostytschew, S., Bazyrina, K. & Tschesnokov, W.
Untersuchungen über die photosynthese der laubblätter unter natürlichen verhältnissen. Planta, Arch. Wiss. Bot. 5: 698-724. Je.1928. no.5.

Timm, H.
Untersuchungen über die sterilitätsursachen von Hemerocallis fulva und citrina. Planta, Arch. Wiss. Bot. 5: 784-808. illus. Je.1928. no.5.

Yoshii, Y.
Untersuchungen über die temperaturabhängigkeit der kohlensäure-assimilation bei bohnen. Planta, Arch. Wiss. Bot. 5: 681-695. Je.1928. no.5.

Plant. Chron. (Madras,India)

Ashplant, H.
Investigations into Hevea anatomy, important advances. Problem of yield variability cleared up. Plant. Chron. 23: 469-476. Je.30,1928. no.26.

Proc. Conf. Intern. Soc. Sugar Cane Techn.

Agee, H.P.
The sulphurous acid method in cane breeding. Proc. Conf. Intern. Soc. Sugar Cane Techn. 2: 139-140. 1927 (Rec'd Ag.1928)

Alfaro,J.
Statement on mosaic control by Señor J. Alfaro. Proc. Conf. Intern. Soc. Sugar Cane Techn. 2: 91-99. 1927 (Rec'd Ag.1928)

Jeswiet, J.
The flowering of sugar cane. Proc. Conf. Intern. Soc. Sugar Cane Techn. 2: 133-137. 1927. (Rec'd Ag.1928)

oc. Conf. Intern. Soc. Sugar Cane Techn. (cont)

Jeswiet, J.
The history of sugar cane selection work in Java. Proc. Conf. Intern. Soc. Sugar Cane Techn. 2: 115-122. 1927(Rec'd Ag.1928)

Jeswiet, J.
World material of Saccharum. Proc. Conf. Intern. Soc. Sugar Cane Techn. 2:137-139. 1927 (Rec'd Ag.1928)

Stahl, C.F.
A mosaic on corn. Proc. Conf. Intern. Soc. Sugar Cane Techn. 2: 85-87. 1927 (Rec'd Ag. 1928)

Storey, H.H.
Strains of the viruses affecting the Gramineae. Proc. Conf. Intern. Soc. Sugar Cane Techn. 2: 87-88. 1927 (Rec'd Ag.1928)

oc. Nat. Acad. Sci.

Moberg, E.G.
The interrelation between diatoms, their chemical environment, and upwelling water in the sea, off the coast of southern California. Proc. Nat. Acad. Sci. 14: 511-518. Jl.1928. no. 7.

White, D.
Algal deposits of Unkar Proterozoic age in the Grand Canyon, Arizona. Proc. Nat. Acad. Sci. 14: 597-600. Jl.1928. no.7.

oc. Nat. Pecan Grow. Assoc.

Boyd, O.C.
Progress report on the experiments in the control of pecan scab and leaf case-bearer, and on the occurrence of an undescribed leaf spot of pecans. Proc. Nat. Pecan Grow. Assoc. 26: 30-46. 1927 (Rec'd Ag.1928)
Cylindrosporium caryigenum.

Demaree, J.B. & Cole, J.R.
Some new ideas regarding pecan scab Proc. Nat. Pecan Grow. Assoc. 26: 22-30. illus. 1927. (Rec'd Ag.1928)

Reed, C.A.
A review of the pecan situation in 1927. Proc. Nat. Pecan Grow. Assoc. 26: 119-123. 1927. (Rec'd Ag.1928)

Proc. Nat. Pecan Grow. Assoc. (cont.)
Shuhart, D.V.
The morphological differentiation of the pistillate flowers of the pecan. Proc. Nat. Pecan Grow. Assoc. 26: 108-118. Illus. 1927. (Rec'd Ag. 1928)

Proc. Ohio Acad. Sci.
Professor Bruce Fink. Proc. Ohio Acad. Sci. 8: 161. 1928. no.4.

Proc. Roy. Soc. Ser.B. (London)
Hilditch, T.P.
The chemical composition of vegetable seed fats in relation to the natural orders of plants. Proc. Roy. Soc. Ser.B. 103: 111-117. Jl.1928. no. 723.

Prog. Agr. & Vitic. (Montpellier)
Bènes, G.
Le court-noué (cont.) Progr.Agr. et Vitic. 90: 37-29. Jl.15, 1928. no.28.

Jaguenaud,
La sylvinite en poudre comme désherbant. Progr. Agr. et Vitic. 90: 44-46. Jl.8,1928. no.28.

Ravaz, L.
Recherches sur le court-noúe (cont.) Progr. Agr.et Vitic. 90: 53-63. Jl.15, 1928. no. 29.

Trabut, L.
Un fourrage d'été: le kudzu du Japon. (Pueraria thumbergiana). Progr. Agr.et Vitic. 90: 64-65. Jl.15, 1928. no.29.

Quart. Journ. For. (London)
Dallimore, W.
Trees in roads and streets: their establishment and maintenance. Quart. Journ. For. 22: 19-28. Ja.1928. no.1.

Rev. Agr. Puerto Rico (San Juan)
J. Federico Legrand. Rev. Agr. Puerto Rico. 20: 277. port. Je.1928. no.6.

Rev. Hort. (Paris)

Duriez, C.
Philodendron pertusum. Rev. Hort. 100: 173-174. illus. Jl.16,1928. no. 7.

Guillaumin, A.
Les cactées, principales espèces (cont.) Rev. Hort. 100: 176-178. illus. Jl.16, 1928. no. 7.

Meunissier, A.
Coleus rehneltianus. Rev. Hort. 100: 180. col.pl. Jl.16,1928. no. 7.

Rhodora (Boston)

Erlanson, E.W.
Ten new American species and varieties of Rosa. Rhodora. 30: 109-121. Je.1928. no. 354.
Rosa michiganensis, R.schuetteana, R. ratonensis, R. relicta, R.housei, R. deamii, sp.nov.

Fernald, M.L. & Kelsey, S.L.
A new Oxytropis from the Gaspé coast. Rhodora. 30: 121-124. Je.1928. no.354.
Oxytropis gaspensis, n.sp.

Fernald, M.L.
Roripa islandica and R. hispida. Rhodora. 30: 131-133. Jl.1928. no.355.

Kidder, N.T.
Lemna trisulca at Isle au Haut, Maine, Rhodora. 30: 121. Je.1928. no.354.

Littlefield, E.W.
An uncommon association of pines in northern New York. Rhodora. 30: 129-131. Jl.1928. no.355.

Rosendahl, C.O.
Evidence of the hybrid nature of Betula sandbergi. Rhodora. 30: 125-129. illus. pl.170. Jl. 1928. no.355.

Svenson, H.K.
Additions to the flora of Cape Cod. Rhodora, 30: 135-136. Jl.1928. no.355.

Rhodora. (cont.)

Weatherby, C.A.
A note on the genus Paspalum in New England. Rhodora. 30: 133-135. Jl.1928. no.355.

Riv. Biol. (Milan)

Figini, G.P.
Contributo allo studio della fasciazione caulinare-indagini culturali. Riv. Biol. 10: 76-98. pl. i. Ja./Ap.1928. no.1/2.
Cichorium.

Leinati, F.
Sull'azione patogena di una specie nuova di Fusarium (F.Moronei). Riv. Biol. 10: 141-154. illus. Je./Ap.1928. no.1/2.

Rivera, V.
Sulla radiosensibilita' di Vicia faba. Riv. Biol. 10: 155-185. illus. Ja./Ap.1928. no.1/2.

Riv. Patol. Veg. (Pavia)

Montemartini, L.
Caso di bud rot o marciume della gemma nelle palme, a Roma. Riv. Patol. Veg. 18:93-95. My./Je.1928. no.5/6.

Montemartini, L.
Un caso di parassitismo dello Schizophyllum commune. Riv. Patol. Veg. 18: 95-96. My./Je. 1928. no.5/6.
On Apollonias canariensis.

Science. (Lancaster, Pa.)

Jackson, J.R. & Rickett, H.W.
Staining reactions of fern gametes. Science. 68: 89-90. Jl.27, 1928. no.1752.

Lepeschkin, W.W.
The chemical and physical composition of protoplasm. Science. 68: 45-48. Jl.20,1928. no.1751.

Schertz, F.M.
Our search for chlorophyll and for the vitamins Science. 68: 48-52. Jl.20, 1928. no.1751.

Scient. Month. (Lancaster, Pa.)

Crist, J.W. & Dye, M.
Greenness and vitamin A in plant tissue.
Scient. Month. 27: 166-171. Ag.1928. no.2.

Hemmeter, J.C.
John Hunter, 1728-1793. Scient. Month.
27: 183-185. port. Ag.1928. no.6.

Taylor, W.P. & McGinnies, W.G.
The bio-ecology of forest and range.
Scient. Month. 27: 177-182. Ag.1928.

Scott. Journ.Agr. (Edinburgh)

M'Intosh, T.F.
Investigations on intervarietal differences
of a chemical nature in the mature potato tuber.
Scott. Journ. Agr. 11: 304-311. Jl.1928. no.3.

O'Brien, D.G. & M'Naughton, E.J.
Disease in strawberries. Scott. Journ.
Agr. 11: 286-297. illus. Jl.1928. no.3.

Ogg, W.G. & Dow, W.T.
An acidity survey of the soils of two parishes
in Berwickshire. Scott. Journ. Agr. 11: 273-
286. Jl.1928. no.3.

Seed World. (Chicago)

Ellis, W.W.
New wheat varieties. Seed World. 24(2):
16. Jl.27, 1928.
Remarkable breeding work with wheat done at
Washington College of agriculture.

South African Gard. (Johannesburg)

Bolus, L.
Plants new or noteworthy (cont.) South
African Gard. 18: 213. illus. Jl.1928. no.7.
Gladiolus sericeovillosus, var.glabrescens,
G. coccineus, G.pageae.

Glottiphyllum miurii, N.E.Br.? South African
Gard. 18: 222. illus. (col.) Jl.1928. no. 7.

South Flor. (Fort Worth, Tex.)

Coupland, W.G.
My method of forcing gladioli. South. Flor.
25(15): 8,18. port. Jl.27,1928. no.15.

South.Flor. (cont.)

Ruth, A.
A trip to Lake Worth. South. Flor. 25(15): 13, 23-24. Jl.27, 1928. no. 15.

Svensk. Bot. Tidskr.

Afzelius, K.
Die embryobildung bei Nigritella nigra Svensk. Bot. Tidskr. 22: 82-91. illus. Je.1928. no.1/2.

Arnell, H. W.
Bryum runmaroeense Arnell, nov.spec. Svensk. Bot. Tidskr. 22: 140-144. illus. Je. 1928. no. 1/2.

Arwidsson, Th.
Bemerkungen uber die androgynie in der Carex dioeca-gruppe. Svensk. Bot. Tidskr. 22: 106-114. illus. Je.1928. no.1/2.

Asplund, E.
Eine neue balanophoraceen-gattung aus bolivien. Svensk. Bot. Tidskr. 22: 261-277. pl. iii. 1928. no. 1/2.
Juelia subterranea.

Cedergren, G. R.
Algernas utbredningsgrupper. Svensk. Bot. Tidskr. 22: 92-105. Je.1928. no.1/2

Dahlgren, K.V.O.
Die embryologie einiger alismatazeen. Svensk. Bot. Tidskr. 22: 1-17. illus. Je.1928. no.1/2.

Du Rietz, G.E.
Gyrophora rigida Dr. in North America. New member of the West-Arctic element in the Scandinavian mountain-flora. Svensk. Bot. Tidskr. 22: 278-281. 1928. no.1/2.

Ekman, E.L.
A botanical excursion in La Hotte, Haiti. Svensk. Bot. Tidskr. 22: 200-219. illus. 1928. no.1/2.

Svensk. Bot. Tidskr. (cont.)

Ekman, E.
Antennaria frieseana (Tratuv.) Svensk. Bot. Tidskr. 22: 416. Je.1928. no.1/2.

Fries, R.E.
Revision der tropisch-ostafrikanischen Crepisarten. Svensk. Bot. Tidskr. 22: 350-367. pl. iv-vii. Je.1928. no.1/2.
Crepis ellenbeckii, C. glandulosissima, C. scaposa, n.sp.

Gäumann, E.
Die sexualität der pilze. Svensk.Bot. Tidskr. 22: 33-48. Je.1928. no.1/2.

Halle, T.G.
On leaf-mosaic and anisophylly in paleozoic equisetales. Svensk. Bot.Tidskr. 22: 230-255. illus., pl.i-ii. 1928. no.1/2.

Hard av Segerstad, F.
Autökologische studien im nordwestlichen teile der eichenregion Schwedens I- Svensk.Bot. Tidskr. 22: 328-349. 1928. no.1/2.
I. Grandzüge der artenverteilung in dem untersuchungsgebiet.

Heilborn, O.
Zytologie studien über pollen-sterilität von apfelsorten. Svensk. Bot. Tidskr. 22: 185-199. illus. 1928. no.1/2.

Holmboe, J.
Mura (potentilla anserina L.) og dens bruk som matnyttig plante i aeldre og nyere tid. Svensk. Bot. Tidskr. 22: 160-168. illus. Je.1928. no.1/2.

Hultén, E.
On the American component in the flora of Eastern Siberia. Svensk Bot. Tidskr. 22: 220-229. 1928. no.1/2.
A preliminary note.

Lagerberg, T.
Ueber Naevia piniperda Rehm. Svensk.Bot. Tidskr. 22: 282-288. illus. 1928. no.1/2.

Svensk. Bot. Tidskr. (cont.)

Langlet, O.
Einige beobachtungen über die zytologie der berberidazeen. Svensk. Bot. Tidskr. 22: 169-184. illus. Je.1928. no.1/2.

Lind, J.
Micromyceter fra areskutan. Svensk. Bot. Tidskr. 22: 57-81. Je.1928. no.1/2.

Malme, G.O.A.N.
Ueber paarige extraaxillare infloreszenzen bei den asklepiadazeen. Svensk. Bot. Tidskr. 22: 49-56. illus. Je.1928. no.1/2.

Nannfeldt, J.A.
Contributions to the mycoflora of Sweden. Svensk. Bot. Tidskr. 22: 115-139. illus. Je. 1928. no.1/2.

Osvald, H.
Nordamerikanska mosstyper. Svensk. Bot. Tidskr. 22: 377-391. illus. Je.1928. no.1/2.

Rocén, Th.
Beitrage zur embryologie der crassulaceen. Svensk.Bot.Tidskr. 22: 368-376. illus. Je. 1928. no.1/2.

Skottsberg, C.
Zur organographie von Gunnera. Svensk. Bot. Tidskr. 22: 392-415. illus. Je.1928. no.1/2.

Stenar, H.
Zur embryologie der asphodeline-gruppe. Ein Beitrag zur systematischen stellung der gattungen Bulbine und Paradisea. Svensk. Bot. Tidskr. 22: 145-159. illus. Je.1928. no.1/2.

Stolt, K.A.H.
Die embryologie von Myriophyllum alterniflorum DC. Svensk. Bot. Tidskr. 22: 305-319. illus. 1928. no.1/2.

Svedelius, N.
On the number of chromosomes in the two different kinds of plurilocular sporangia of Ectocarpus virescens Thur. Svensk. Bot. Tidskr. 22: 289-304. illus. 1928. no.1/2.

Svensk. Bot. Tidskr. (cont.)

Sylvén, N.
Polystichum braunii (Spenn.) Fee, en vintergrön art i den Svenska floran. Svensk. Bot. Tidskr. 22: 320-327. illus. 1928. no.1/2.

Tengwall, T.A.
Renlavarnas tillväxt och biologi i Torne och Lule lappmarker. Svensk.Bot. Tidskr. 22: 18-32. Je.1928. no.1/2.
German résumé . p.31-32.
Cladonia, Stereocaulon.

Turesson, G.
Castration experiments in Hieracium umbellatum L. and Leontodon autumnalis L. Svensk. Bot. Tidskr. 22: 256-260. 1928. no.1/2.

Terre Vaud. (Lausanne)

Duflon, P.
Contribution à l'étude du dépérissement des vignes greffées dans le vignoble vaudois. Terre Vaud. 20: 414-415. Jl.14, 1928. no.28.

Trans. Sapporo Nat. Hist. Soc.

Centennial of the birth of Carl Johann Maximowicz. Trans. Sapporo Nat. Hist. Soc. 10: 81-107. port. 1928. no. 1.

Hiratsuka, N.
Studies on the flax rust. Trans. Sapporo Nat. Hist. Soc. 10: 1-27. 1928. no. 1.
Melampsora lini.

Homma, Y.
On the "fibros in-body" of Eryspihaceae. Trans. Sapporo Nat. Hist. Soc. 10: 47-61. 1928. no.1.
Text in Japanese; English résumé: p.61.

Tatewaki, M.
A new species of Callianthemum from Japan. Trans. Sapporo Nat. Hist. Soc. 10: 79-80. illus. 1928. no. 1.
Callianthemum miyabeanum, sp.nov.

Trop. Agr. (Ceylon) (Peradeniya)
Branch canker (wood rot) and its connection with season of pruning, style of pruning, and shot-hole borer infection. Trop. Agr. Ceylon. 70: 281-287. My.1928. no. 5.
Notes by various authors.
Macrophoma theicola.

Die Umschau. (Frankfurt)
Strauss von Waldau, P.
Zwei vergessene nutzpflanzen. Die Umschau. 32: 561-562. illus. Jl.7, 1928. no.28.
Eupatorium cannabium, Eupatorium rebandianum or Stavia rebandiana.

U.S. Dept. Agr. Farm. Bull.
Beattie, W.R.
Cucumber growing. U.S.Dept.Agr. Farm. Bull. 1563. 22 p. illus. Je.1928.
Diseases: p.15-18.

U.S. Dept.Agr. Misc. Publ.
Detwiler, S.B.
Black currant spreads white-pine blister rust. U.S. Dept. Agr. Misc. Publ. 27. 8 p. illus. Jl.1928.

West. Hort.
Payne, T.
California wild flowers. West. Hort. 1(2): 9, 30. illus. O.1927 (Rec'd 1928)

Saunders, C.F.
Native shrubs in California gardens. West. Hort. 1(1): 5, 28. S.1927(Rec'd 1928)

Zeitschr. Indukt. Abstamm. u. Vererbungsl. (Leipzig)
Allgayer, H.
Genetische untersuchungen mit gartenkohl (Brassica oleracea) nach kreuzungsversuchen von Richard Freudenberg. Zeitschr. Indukt. Abstamm. u. Vererbungsl. 47: 191-260 illus., pl.3-10. 1928. no. 3.

Vries, H.de. & Gates, R.R.
A survey of the cultures of Oenothera lamarckiana at Lunteren. Zeitschr. Indukt. Abstamm.u. Vererbungsl. 47: 275-286. illus. 1928. no.4.

Zeitschr. Pflanzenzucht. (Berlin)

Baur, E.

Ein beitrag zur züchtung von rotklee, Trifolium pratense. Zeitschr. Pflanzenzücht. 13: 157-165. Je. 1928. no. 3.

Müller, K.O.

Ueber die züchtung krautfäuleresistenter kartoffelsorten (Vorläufige mitteilung). Zeitschr. Pflanzenzücht. 13: 143-156. illus. Je.1928. no.3

Zellstimulationsforsch. (Berlin)

Gleisberg, W.

Ein beiträg zur frage der positiven reizwirkung von obstbaumkarbolineum. Zellstimulationsforsch. 3: 139-150. illus. Je.1928. no.2.

Konzuloff, St.

Stimulationsuntersuchungen an reissamen. Zellstimulationsforsch. 3: 115-124. Je.1928. no.2.

I. Unregelmässige reihen bei der stimulation II. Ueber das wesen der giftwirkung. III.Biologische wirkung der minimalen substanzmengen.

Niethammer, A.

Die direkte stimulierung von wachstumsvorgängen. Zellstimulationsforsch. 3: 111-114. Je.1928. no.2.

Niethammer, A.

Ueber die möglichkeit und wirtschaftlichkeit der aufzucht von nutz- und zierpflanzen im elektrischen lichtraume. Zellstimulationsforsch. 3: 151-155. Je.1928. no.2.

Niethammer, A.

Die vorteile der graphischen darstellung bei der auswertung von samenkeimversuchen. Zellstimulationsforsch. 3: 103-110. Je.1928. no.2.

Popoff, M. & Merkatz, H.M.von.

Versuche zur stimulierung der pflanzensamen mit trockenen stimulationsmitteln. Zellstimulationsforsch. 3: 125-137. illus. Je.1928. no.2.

Exper. Stat. Publ.

Wakeland, C. & Hungerford, C.W.
Idaho recommendation chart for plant disease and insect control Idaho Agr. Exp. Stat. Bull. 159. 55 p. My.1928.

Erwin, A.T. & Haber, E.S.
Sweet corn seed studies. Iowa Agr. Exp. Stat. Bull. 250. p.251-278. illus. Je.1928.

Melhus, I.E., Van Haltern, F.H. & Bliss, D.E.
A study of Sclerospora graminicola (Sacc.) Schroet. on Setaria viridis (L.) Beauv. and Zea mays L. Iowa Agr. Exp. Stat. Res.Bull. 111. p. 297-338. illus. Ap.1928.

White, R.P.
Tomato wilt disease. Kansas Agr.Exp.Stat. Circ. 140. 5 p. illus. Je.1928.

Wiggans, C.C. & Hoppert, E.H.
Spraying tree fruits. Nebraska Agr. Exp. Sta. Circ. 36. 28 p. illus. Mr.1928.

Wellington, R.
Vinifera or European grapes in New York. New York Agr. Exp.Stat. Circ.101. 7 p. Ap.1928.

Essary, S.H.
Control of dodder in lespedeza. Tennessee Agr. Exp. Stat. Circ. 22. 2 p. Ap.1928.

State Publications.

McCubbin, W.A.
White pines and the blister rust. Bull. Pennsylvania Dept. Agr. 11(3). 10 p. Mr.1, 1928.
General Bulletin no.457.

New York - State agricultural experiment station.
Division of horticulture.
Fruits recommended for New York. Its Circ. 103 8 p. Ap.1928.

New Books.

Amer rose society.
The American rose annual, the 1928 year-book of progress. Harrisburg, Pa., Amer. Rose Soc., 1928.

New Books. (cont.)

Daalen, C.K.van.
Bijdrage tot de kennis van de chemische en botanische samenstelling van het hooi en van den invloed, welke enkele meststoffen daarop uitoefenen. Utrecht, P. den Boer, 1928.

Durand, H.
Field book of common ferns. New York, The Knickerbocker Press,1928.

Fischer, C.E.C.
Flora of the presidency of Madras. pt.8. Calcutta, Pub. under authority of the Secretary for India in Council, 1928.

The Flowering plants of South Africa. v.7. London, L. Reeve & co., ltd., 1927.

Foxworthy, F.W.
Commercial timber trees of the Malay Peninsula. Singapore, Fraser & Neave,ltd.,1927.
195 p.
Malayan forest records no.3.

Hottes, A.C.
The book of shrubs. New York, A.T. De La Mare co., inc.,1928.

Jones, D.F.
Selective fertilization. Chicago, Ill., Univ. Chicago Press, 1928.

Olmsted, F.L.
Frederick Law Olmsted, landscape architect. New York, The Knickerbocker Press,1922-1928.
2 v.

Rockwell, F.F.
Rock gardens. New York, MacMillan co.,1928. (The home garden handbooks)

Sears, F.C.
Fruit-growing projects. New York, Macmillan co.,1928.

BOTANY
CURRENT LITERATURE

LIBRARY
RECEIVED
SEP 5 1928
U. S. Department of Agriculture

ADDITIONS TO THE BOTANICAL CATALOGUE, BUREAU OF PLANT INDUSTRY
COMPILED FROM PUBLICATIONS RECEIVED IN THE
LIBRARY OF THE UNITED STATES DEPARTMENT OF AGRICULTURE, WASHINGTON, D. C.

Vol. 10, no. 17. Ag.6-18, 1928

Acta Univ. Lund.

Sjöstedt, L.G

Revision of some dubious Swedish Ceramium types, their classification and ecology. Acta Univ. Lund. n.f., avd.2, v.23, no.12. 29 p. illus., iv pl. 1928

Admin. Rep. Dept. Agr. Mysore (Bangalore)

Venkata, M.K.

Administration report of the mycological section for the year 1926-27. Admin. Rep. Agr. Dept. Mysore. 1926/27; 18-20. 1928.

Amer. Fruit Grow. Mag. (Chicago)

Jones, F. S.

Removing the residue from apples and pears. II. Amer. Fruit Grow. Mag. 48(8): 8-9. illus. Ag. 1928.

Amer. Journ. Bot.

Bessey, E. A.

Effect of the age of pollen upon the sex of hemp. Amer. Journ. Bot. 15: 405-411. Jl.1928. no. 7.

Burge, W.E. & Burge, E.L.

A study of the effect of hot and cold weather on the catalase of the plant and animal in relation to their respiratory metabolism. Amer. Journ. Bot. 15: 412-415. Jl.1928. no. 7.

Davies, P.A.

The effect of high pressure on the percentages of soft and hard seeds of Medicago sativa and Melilotus alba. Amer. Journ. Bot. 15: 433-436. Jl. 1928. no.7.

Helroyd, R.

Medullary bundles in Lobelia puberula. Amer. Journ. Bot. 15: 442-447. illus. Jl.1928. no.7.

Amer. Journ. Bot (cont.)

Kisser, J. & Anderson, D.B.
A method of preparing thin cross and longitudinal sections of cotton fibers, and its importance in cell-wall research. Amer. Journ. Bot. 15: 437-441. Jl. 1928. no. 7.

Lepeschkin, W. W.
The effect of ethyl alcohol on the turgor-pressure of Spirogyra. Amer. Journ. Bot. 15: 422-424. Jl.1928. no.7.

Rydberg, P.A.
Genera of North American Fabaceae IV. Tribe Psoraleae (cont.) Amer. Journ. Bot. 15: 425-432. pl. xxvi-xxviii. Jl.1928. no.7.

Woodroof, N.C.
Development of the embryo sac and young embryo of Hicoria pecan. Amer. Journ. Bot. 15: 416-421. pl. xxiii-xxv. Jl.1928. no.7.

Anal. Soc. Cient. Arg. (Buenos Aires)

Hicken, C.M.
La flore de la période crétacée et ses relations avec la flore actuelle. Anal. Soc. Cient. Arg. 105: 272-277. My./Je. 1928. no.5/6.

Ann. Bryol.

Arnell, H.W.
Die moosvegetation an den von der Schwedischen Jenissei-expedition im jahre 1876 besuchten stellen. Ann. Bryol. 1: 1-9. 1928.

Boros, A.
Ueber den einfluss der kultur auf die moosflora der Ungarischen tiefebené. Ann. Bryol. 1: 10-12. 1928.

Broeksmit, T.
Les hépatiques de Téneriffe. Ann. Bryol. 1: 13-16. 1928.

Brotherus, V.F.
Contributions á la flore bryologique du Cachemire. Ann. Bryol. 1: 28-46. 1928.

Ann. Bryol. (cont.)

Brotherus, V.F.
Musci novi Japonici. Ann. Bryol. 1: 17-27. 1928.

Dixon, H.N.
Homaliopsis Dix. and P. de la Varde, gen.nov. muscorum. Ann. Bryol. 1: 47-48. 1928.

Douin, C.
Les céphaloziellacées européennes. Ann. Bryol. 1: 49-68. 1928.

Gams, H.
Brotherella lorentziana (molendo) Loeske und Distichophyllum carinatum Dixon et Nicholson. Ann. Bryol. 1: 69-70. 1928.

Garjeanne, A.J.M.
Aus dem leben Odontoschisma sphagni. Ann. Bryol. 1: 79-88. illus. 1928.

Garjeanne, A.J.M.
Hepaticologische notizen. Ann. Bryol. 1: 89-90. 1928.

Herzog, T.
Scapania portoricensis Hpe et G. Ann.Bryol. 1: 91-112. illus. 1928.

Jensen, C.
Pottia randii Kenn. in Schweden. Ann.Bryol. 1: 113-114. 1928.

Koopmans-Forstmann, D. & Koopmans, A.N.
Einige bemerkenswerte moose aus der Holländischen Provinz Friesland. Ann. Bryol. 1: 115-117. 1928.

Korczagin, A. A.
Etude experimentale de la var. nigrescens du genre Polytrichum. Ann. Bryol. 1: 118-126. 1928.

Loeske, L.
System und experiment. Ann. Bryol. 1: 127-132. 1928.

Ann. Bryol. (cont.)

Lotsy, J.P.
On hybrid gones and on homozygous hybrids. Ann. Bryol. 1: 133-139. 1928.

Savicz, L.
Sur la fructification de Rhytidium rugosum (Ehrh.) Kindb. en Russie. Ann. Bryol. 1: 140-143. 1928.

Schmidt, H.
Ueber einen fall von variation anatomischer merkmale. Ann. Bryol. 1: 144-146. illus. 1928.
Tortula atrovirens.

Wijk, R.v.d.
Morphologische betrachtungen über Trebia und das blatt der Hepaticae. Ann. Bryol. 1: 147-152. 1928.

Wijk, R.v.d.
Oligotrichum incurvum Lindb. in Holland. Ann. Bryol. 1: 153-154. 1928.

Ann. Ecole Nat. Agr. Montpellier.

Ravaz, L. & Branas.
Les anchiens et les nouveaux porte-greffes dans quelques champs d'expériences de l'école. Ann. Ecole Nat. Agr. Montpellier. n.s., 19: 180-200. illus. 1928. no.3.
Grapes.

Ravaz, L., Lagatu, H. & Maume, L.
Un cas special de chlorose des vignes américaines greffees. Ann. Ecole Nat. Agr. Montpellier. n.s., 19: 159-179. col.pl. 1928. no.3.

Ann. Rep. Tea Res. Inst. Ceylon.

Gadd, C.H.
Report of the mycologist for the year 1927. Ann. Rep. Tea Res. Inst. Ceylon. 1927: 7-18. pl. 1928 (Its Bull.2)

Ann. Rep. Wisconsin State Hort. Soc.

Brand, A.M.
Peonies. Best varieties and cultural hints. Ann. Rep. Wisconsin State Hort. Soc. 57: 49-57. 1928.

Keitt, G.W.
Crowngall of apple nursery stock. Ann. Rep. Wisconsin State Hort. Soc. 57: 45-49. 1928.

Regeimbal, L.O.
Ripening fruits and vegetables with gas. Ann. Rwp. Wisconsin State Hort. Soc. 58: 130-134. 1928.

Ullsperger, H.W.
Varieties of apples for Wisconsin. Ann. Rep. Wisconsin State Hort. Soc. 57: 30-35. 1928.

Arb. Biol. Reichanst. Land- u. Forstw. (Berlin)

Behn, H.
Feldversuche mit bakterien-impfstoffen für nichtleguminosen und mit humusstoffen zur ermittlung der wirkung dieser stoffe auf das pflanzenwachstum. Arb. Biol. Reichsanst. Land. u. Forstw. 16: 45-114. Ap.1928. no.1.

Müller, K. O.
Untersuchungen über die kartoffelkrautfäule und die biologie ihres erregers. Arb. Biol. Reichsanst. Land. u. Forstw. 16: 197-211. Ap.1928. no.1.
Phytophthora infestans.

Müller, K. O. & Braun, H.
Variabilitätstudien über die morphologie der kartoffelknolle. Arb. Biol. Reichsanst. Land. u. Forstw. 16: 1-43. Ap. 1928. no.1.

Scherpe, R.
Untersuchungen über die durch salzartige bodenbestandteile verursachten schadigungserscheinungen an haferpflanzen. Arb. Biol. Reichsanst. Land. u. Forstw. 16: 169-196. col.pl. Ap.1928. no.1.

Arb. Biol. Reichanst. Land- u. Forstw. (cont.)

Wille, J.

Die durch die rübenblattwanze erzeugte kräuselkrankheit der rüben. Beobachtungen und infektionsversuche sowie vergleiche mit der nordamerikanischen curly-leaf-krankheit. Arb. Biol. Reichsanst. Land.u. Forstw. 16: 115-167. illus. Ap. 1928. no.1.

Arch. Suikerind. Nederl. Indie (Meded.) (Soerabaja)

Bremer, G.

De cytologie van het suikerriet. 4. Een cytologisch onderzoek der bastaarden tusschen Saccharum officinarum en Saccharum spontaneum. Arch. Suikerind. Nederl. Indië. v.36, pt.3. (Meded. 1928): 565-696. plates. 1928.

Atti Soc. Nat. e Mat. Modena. (Forli)

Béguinot, A.

Anomalie fiorali e proliferazione in "Erucastrum nasturtiaefolium (Poir.) G.E. Schulz. Atti Soc. Nat. e Mat. Modena. VI, 5/6: 167-170. 1927.

Béguinot, A.

Ricerche sperimentali sulle modificazioni degli organi circostanti al gineceo in seguito ad impedita o mancata fecondazione. Atti Soc. Nat. e Mat. Modena. VI, 5/6: 145-166. 1927.

Costa, T. & Savelli, R.

Esperimenti su Cucurbita pepo L. circa la pretesa produzione di falsi ibridi. Atti Soc. Nat. e Mat. Modena. VI, 5/6: 121-130. 1927.

Costa, T. & Savelli, R.

Ulteriori osservazioni sullaprefioritura dell' altea. Atti Soc. Nat. e Mat. Modena. VI, 5/6: 131-132. 1927.

Figini, G.P.

Contribuzione alla teratologia vegetale. Atti Soc. Nat. e Mat. Modena. VI, 5/6: 10-29. pl.i. 1927.

Palladini, C.

Sull'olio di fieno greco. Atti Soc. Nat. e. Mat. Modena. VI, 5/6: 33-39. 1927.

Trigonella foenum-graecum.

Atti Soc. Nat. e Mat. Modena (cont.)
Panini, F.
I caratteri anatomici del picciuolo nella identificazione delle foglie usate come droghe medicamentose. Atti Soc. Nat. e Mat. Modena. VI, 5/6: 65: 65-83. pl. 1927.

Savelli, R.
Intorno ad una particolare forma di "Nicotiana rustica L." Atti Soc. Nat. e Mat. Modena. VI, 5/6: 52-54. 1927.

Savelli, R.
Note nicozianografiche. 3. Metodo di misurazione delle foglie e osservazione di alcune correlazioni. Atti Soc. Nat. e Mat. Modena. VI, 5/6: 111-120. 1927.

Savelli, R.
Prove culturali sulla cosi detta "altea ibiscoide" Atti Soc. Nat. e Mat. Modena. VI, 5/6: 44-51. 1927.
Althaea rosea.

Austral. For. Journ. (Sydney)
Jolly, N.W.
Exotic conifers in New South Wales. (concl.) Austral. For. Journ. 11: 40-42. Je.1928. no.2.

Austral. Sugar Journ. (Brisbane)
North, D.S.
Gumming in sugar cane. Austral. Sugar Journ. 20: 215, 217 219, 221. Jl.5, 1928. no.4.

Biochem. Zeitschr. (Berlin)
Barrenscheen, H.K. & Albers, W.
Ueber die rolle der phosphorylierung im intermediären kohlehydratstoffwechsel der pflanze. Biochem. Zeitschr. 197: 261-277. Jl.1928. no.4/6.

Bernhauer, K.
Ueber die charakterisierung der stämme von Aspergillus niger auf grund ihres biochemischen verhaltens I- Biochem. Zeitschr. 197: 278-286. Jl. 1928. no.4/6.
I.Vergleichende untersuchungen über die säurebildung durch verschiedene pilzstämme.

Biochem. Zeitschr. (cont.)

Bernhauer, K.
Ueber die säurebildung durch Aspergillus niger IV. Die bedeutung der mycelentwicklung für die saurebildung. Biochem. Zeitschr. 197: 287-308. Jl. 1928. no.4/6.

Bernhauer, K.
Zum chemismus der citronensäurebildung durch pilze I-II. Biochem. Zeitschr. 197: 309-326, 327-342. Jl.1928. no.4/6.
I. Die säurebildung aus verschiedenen kohlenstoffverbindungen. II. Die citronensäurebildung aus gluconsäure.

Wehmer, C.
Abnahme des säureungsvermögens und änderung der sämre bei einem pilz (Gluconsäure- statt fumarsäure-gärung). Biochem. Zeischr. 197: 418-432. Jl. 1928. no.4/6.

Biol. Zentralbl. (Leipzig)

Moritz, O.
Zur kritik der phytoserologie. Biol. Zentralbl. 48: 431-443. 1928. no.7.

Bol. Agr. Sao Paulo.

Vizioli, J. & Meyer, A.C.
A combate ao cupim e o tratamento das mudas de canna com o "Uspulun" Bol. Agr. Sao Paulo. 29: 23-35. Ja./F. 1928. (Rec'd Ag.) no.1/2.

Bot. Abhandl.

Arbeláez, E.P.
Die naturliche gruppe der davalliaceen (Sm.) Kfs. Unter berücksichtigung der anatomie und entwicklungsgeschichte ihres sporophyten. Jena, 1928. (Botanische abhandlungen hft. 14, hrsg. K. Goebel)

Stocker, O.
Der wasserhaushalt ägyptischer wüsten- und salspflanzen vom standpunkt einer experimentellen und vergleichenden pflanzengeographie aus. Jena, F. Fischer, 1928, (Botanische abhandlungen hft. 13, hrsg. von K. Goebel)

Bot. Jahrb. Engler (Leipzig)

Ihering, H.von.
Die phyto-geographischen grundgesetze. Bot. Jahrb. Engler. 62: 113-128. pl. viii-x. Jl. 1928. no.1.

Pilger, R.
Die gattung Plantago in Zentral-und Südamerika. Bot. Jahrb. Engler. 62: 1-112. pl. i-vii. Jl. 1928. no.1.

Brit. Beet Grow.

Thompson, J.K.
Diseases of sugar beet. Brit. Beet Grow. 1: 277-280. Je.1928. no.10.

Bull. Agence Gén. Colon. France. (Paris)

Heim de Balsac, F., Deforge, A., Maheu, J. & Heim de de Balsac, H.
Contribution a l'étude des écorces tanniferes de Madagascar IV. Ecorce de "sakoa" (Sclerocarya caffra Sond. - Anacardiacées). Bull. Agence Gén. Colon. France. 21: 187-192. F.1928. no.230.

Heim de Balsac, F., Chéneveau, C., Maheu, J. & Parveaud, A.
Etude technologique d'ecorces de Funtumia du Cameroun. Valeur industrielle du caoutchouc ou' elles fournissent. Bull. Agence Gén. Colon. France. 21: 180-186. pl. F.1928. no.230.

Heim de Balsac, F., Heim de Balsac, H., Parveaud, A. & Rolland, J.
Le fruit du "tai-chua" du Tonkin. Garcinia pedunculata Roxb. (Guttiferes). Bull. Agence Gén. Colon. France. 21: 318-330. plates. Mr.1928. no.231.

Heim de Balsac, F., Deforge, A. & Heim de Balsac, H.
Valeur papetiere de bois d'Indochine fiches technologiques preliminaires. Bull. Agence Gén. Colon. France. 21: 485-498. Ap.1928. no.232.
Ficus.

Bull. For. Comm. Gt. Brit.

Macdonald, J. & Guillebaud, W.H.
Growth and yield of conifers in Great Britain. Bull. For. Comm. Gt. Brit. 10. 187 p. 7 pl. 1928.

Bull. Lloyd Library.
Mayo, C. A.
The Lloyd Library and its makers. An historical sketch. Bull. Lloyd Library. 28. 72 p. illus. ports. 1928.

Bull. Mens. Soc. Nat. Hort. France. (Paris)
Marcel, M.
Traitements anticryptogamiques et insecticides a appliquer en hiver aux arbres fruitiers. Bull. Mens. Soc. Nat. Hort. France. V, 1: 248-252. Je. 1928.

Bull. Rubber Grow. Assoc.
Ashplant, H.
,Investigations into Hevea anatomy. Bull. Rubber Grow. Assoc. 10: 484-490. Jl.1928. no.7.

Bull. Sci. Pharm. (Paris)
Font Quer, P.
Les digitales espagnoles. Bull. Sci. Pharm. 35: 466-471. Jl.1928. no.7.
From his "Donnees sur les digitales espagnoles" in El Restaurador Farm. v.80, no.9/10. 1925.

Hamy, A.
Caractérisation de la gommede l'"Acacia verek" Bull. Sci. Pharm. 35: 421-422. Jl.1928. no.7.

Bull. Soc. Chim. Biol. (Paris)
Colin, H. & Augem, A.
La mannane des graines d'iris. Bull. Soc. Chim. Biol. 10: 822-825. Je.1928. no.6.

Bull. Stat. Rech. For. Nord. Afr.
Saint-Laurent, J.de.
Etudes sur les caracteres anatomiques des bois d'Algérie. Bull. Stat. Rech. For. Nord. Afr. 1: 351-417. illus., pl. xxxi-xliii. My.1928. no.9.

Trabut, L.
Le Sequoia sempervirens en Algérie. Bull. Stat. Rech. For. Nord. Afe. 1: 418-420. illus. My. 30, 1928. no.9.

Bull. Torr. Club.
Eisenmenger, W.S.
Toxicity, additive effects, and antagonism of salt solutions as indicated by growth of wheat roots. Bull. Torrey Bot. Club. 55: 261-304. Je. 1928. no.6.

Bull. Torr. Club. (cont.)

Pennell, F.W.
Notes on Scrophulariaceae of the northwestern United States. Bull. Torrey Bot. Club. 55: 315-318. Je.1928. no.6.
Scrophularia oregana, Pedicularis rainierensis, sp. nov.

Wallace, R.H.
Long time experiments with plants in closed containers. Bull. Torrey Bot. Club. 55: 305-314. illus., pl. 9. Je.1928. no.6.

Bult. Sci. Fak. Terkult. Kjusu Imp. Univ.

Iizuka, A. & Morikawa, K.
Some anatomical notes on the seedlings of Pinus densiflora and P. thunbergii. Bult. Sci. Fak. Terkult. Kjusu Imp. Univ. 3: 49-59. My.1928. no. 1.
Text in Japanese; English summary: p.58-59.

Kato, S. & Maruyama, Y.
Serodiagnostic investigation on the affinities of different varieties of rice. Bult. Sci. Fak. Terkult. Kjusu Imp. Univ. 3: 16-29. My.1928. no.1.
Text in Japanese; English summary: p.28-29.

Koketsu, R. & Kosaka, H.
Ueber den effekt der anwendung der "pulvermethode"für die bestimmung des stoffgehaltes im pflanzenkörper III. Vergleichende bestimmung des "spezifischen pulvergewichtes" an den samenkörner von verschiedenen reispflanzensippen. Bult. Sci. Fak. Terkult. Kjusu Imp. Univ. 3: 36-48. My.1928. no.1.

Mori, S. & Shindo, T.
Dynamical investigations on the abscission of rice-grain and its measuring instrument. Bult. Sci. Fak. Terkult. Kjusu Imp. Univ. 3: 30-35. pl. My. 1928. no.1.
Text in Japanese; English summary: p.35.

Nagami, K.
A study on some old Japanese garden remains, built by "Sesshu", as to their traditions, distributed in the northern part of "Kyushu" province - technical, historical and archeological I. Bult. Sci. Fak. Terkult. Kjusu Imp. Univ. 3: 60-86. illus. My.1928.no.1.
Text in Japanese; English summary: p.85-86.

Bult. Sci. Fak. Terkult. Kjusü Imp. Univ. (cont.)
Nishiyama, S.
The nicotine content in fresh tobacco leaves.
Bult. Sci. Fak. Terkult. Kjusu Imp. Univ. 3: 10-15.
My.1928. no.1.
Text in Japanese; English summary: p.15.

Calif. Cult. (Los Angeles)
Woodhams, G.E.
Pear blight and its control. Calif. Cult.
71: 130-131. Ag.11,1928. no.6.

Circ. Ontario Dept. Agr.
Howitt, J.E.
Eradicate the common barberry. Circ. Ontario
Dept. Agr. 50. 4 p. illus. Jl.1928.

Il Coltivatore (Cassone)
Baldrati, I.
Urocystis occulta (Wallr) Rabenh. parassita del
frumento in Italia. Il Coltivatore. 74: 79-81.
Jl. 30,1928. no.21.

Compt. Rend. Acad. Agr. France. (Paris)
Fondard, L.& German, E.
L'hybridation des blés dans les Bouches-du-Rhone.
Compt. Rend. Acad. Agr. France. 14: 919-926. Jl.18,
1928. no.27.

Rabaté, E.
A propos de la génétique du blé. Compt. Rend.
Acad. Agr. France. 14: 910-917. Jl.18,1928. no.27.

Compt. Rend. Acad. Sci. Paris.
Bertrand, G. & Rosenblatt, M.
Le potassium et le sodium dans les algues marines.
Compt. Rend. Acad.Sci. Paris. 187: 266-270. Jl.30.
1928. no.5.

Blaringhem, L.
Sur la fécondite de l'hémérocalle fauve (Hemero-
callis fulva L.) Compt. Rend. Acad. Sci. Paris.
187: 187-189. Jl.23, 1928. no.4.

Colin, H. & Franquet, R.
La genese de l'amidon dansle haricot. Compt.
Rend. Acad. Sci. Paris. 187: 309-311. Jl.30, 1928.
no.5.

Compt.Rend. Acad.Sci. Paris. (cont.)

Dieuzeide, R.
A propos du cycle évolutif de pemphigella follicularia Pass. Compt. Rend. Acad. Sci. Paris. 187: 179-180. Jl.17, 1928. no.3.

Ghimpu, V.
Comtribution a l'étude caryologique du genre Medicago. Compt. Rend. Acad. Sci. Paris. 187: 245-247. illus. Jl.23, 1928. no.4.

Maresquelle, H.J.
Sur les échanges respiratoires des plantes attaquées par des urédinées Compt. Rend. Acad. Sci. Paris. 187: 247-249. Jl.23, 1928. no.4.

Miége, E.
Sur la présence de formes du type inflatum dans Triticum durum Desf. Compt. Rend. Acad. Sci. Paris. 187: 252-253. Jl.23, 1928. no.4.

Nadson, G. & Krassilnikov, N.
Un nouveau genre d'endomycétacées: Guilliermondella, nof. gne. Compt. Rend. Acad. Sci. Paris. 187: 307-309. illus. Jl.30, 1928. no. 5.

Curiamo Piante. (Milan)

Ferraris, T.
Un caso ostinato di mal bianco delle rose. Curiamo Piante. 6: 126-127. Jl.1928. no.7.
Sphaerotheca pannosa.

Ferraris, T.
Mal bianco del pesco sui frutti. Curiamo Piante. 6: 121-122. Jl.1928. no.7.
Sphaerotheca pannosa.

Gabotto, L.
Le peronospora del frumento. Curiamo Piante. 6: 125-126. illus. Jl.1928. no.7.
Sclerospora macrospora.

Farming South Africa.

Injury to pears by hydrochloric acid solution. Farming in South Africa. 3: 875,901. illus. Jl.1928.

Farming South Africa. (cont.)
Morris, J.
Rescue grass. Farming in South Africa. 3: 867-868. illus. Jl.1928. no.28.
Bromus unioloides.

Flor. Exch. (N.Y.)
Scherer, C.M.
How to know some common trees. Flor. Exch. 68: 1297. Ag.11, 1928. no.15.

Flor. Rev. (Chicago)
D., C.W.
George C. Roeding. Flor. Rev. 62(1601): 39. Ag.2, 1928.
Obituary notice.

Wood, C.W.
Popular plants for rock gardens. Flor. Rev. 62(1602): 23-24. Ag.9, 1928.

Griffiths, D.
Lift Nankeen lily early. Failures with Nankeen lily. Experiments on Pacific coast. Flor. Rev. 62(1601): 29. illus. Ag.2, 1928.

For. Bull. For. Dept. India.
Howard, S.H.
Note on weights of seeds. For. Bull. For. Dept. India (Silvicult. Ser.) 41. 21 p. 1928.
Revised by H.G. Champion.

De Fruitteelt. (Arnhem)
L., R.
Een jaar ziektebestrijding in ooftbouw in de gemeente Bodman. Fruitteelt. 18: 105-111. Jl. 1928. no.7.

Gard. Chron. (London)
Dallimore, W.
Mr. Neville Cooper's Pinetum near Canterbury. Gard. Chron. III, 84: 70-71. illus. Jl.28, 1928. no. 2170.

Darnell, A. W.
The genus Primula. Gard.Chron. III, 84: 73. Jl.28, 1928. no.2170.

Gard. Chron. (cont.)

Dr. Julio Henriques. Gard. Chron. III, 84: 80. Jl.28, 1928. no.2170.

Elliott, C.

Chile and the Andes VII. Gard. Chron. III, 84: 69. illus. Jl.28, 1928. no.2170.

Hay, T.

Monardella macrantha. Gard. Chron. III, 84: 67-68. illus. Jl.28, 1928. no.2170.

Mr. George Dillistone. Gard. Chron. III, 84: 62. port. Jl.28, 1928. no.2170.

W. Taylor. Gard. Chron. III, 84: 80. Jl.28, 1928. no.2170.

Notice of death.

Gard. Chron. Amer. (N.Y.)

Bade, E.

The cell as a unit of the plant. Gard. Chron. Amer. 32: 225,228. illus. Ag. 1928. no. 8.

Coombes, G.

Interesting plants of the South African veldt. Gard. Chron. Amer. 32: 220-221. illus. Ag.1928. no.8.

Dodd, E.S.

Some interesting Australian flora and fauna. Gard. Chron. Amer. 32: 224. Ag.1928. no.8.

Everett, T.H.

Some plants of special interest. Gard.Chron. Amer. 32:222. Ag.1928. no. 8.

Gartenschönheit. (Berlin)

Foerster, K.

Winterharte staudenlupinen. Gartenschönheit. 9: 248-249. illus. Je.1928. no.6.

Herre, H.

Fockea capenis. Gartenschönheit. 9: 249-250. illus. Je.1928. no.6.

Gartenschönheit. (cont.)

Lemperg, F.
Clematis - wildformen im garten. Gartenschonheit. 9: 284-286. illus. Jl.1928. no.7.

Lemperg, F.
Im Mai blühende paeonien. Gartenschönheit. 9: 199-201. illus. My.1928. no.5.

Naumann, A.
Pilzkrankheiten an rosen. Gartenschönheit. 9: 300-301. Jl.1928. no. 7.

Schneider, C.
Hausberankung. Gartenschönheit. 9: 241-244. illus. Je.1928. no.6.

Steffen, A.
Von harten gartenprimeln. Gartenschönheit. 9: 193-196. illus. My.1928. no.5.

Gartenw. (Berlin)

Pohl, F.
Bekampfung der frühjahrsfröste im obstbau. Gartenwelt. 32:396-397. Jl.1928. no.29.

Hacienda. (Buffalo)

Blackmon, G.H.
El cultivo de la pecana en Florida. Hacienda. 23: 248-250. illus. Jl.1928. no.7.

Más y Guindal, J.
El cultivo de la Angélica y su utilización. Hacienda. 23: 251. illus. Jl.1928. no.7.
Angélica archangélica.

Hawaiian Plant. Rec. (Honolulu)

Carpenter, C.W.
Notes on Pythium root rot. III. Hawaiian Plant. Rec. 32: 279-288. Jl.1928. no.3.

Doty, R.E.
The preservation of cane seed. Hawaiian Plant. Rec. 32: 307-320. Jl.1928. no.3.

Martin, J.P.
Field observations on the degree of resistance and susceptibility of seedlings to eye spot. Hawaiian Plant. Rec. 32: 275-279. Jl.1928. no.3.

Hawaiian Plant. Rec. (cont.)

Martin, J.P.
Monthly plantings of H 109 in relation to eye spot. Hawaiian Plant. Rec. 32: 265-269. Jl. 1928. no.3.
Helminthosporium sacchari.

Helvetica Chim. Acta. (Basel)

Escher, H. H.
Krystallisierte carotinoide aus blüten des wiesenranunkels und aus hagebutten. Helvetica Chim. Acta. 11: 752-754. 1928. no.4.

Karrer, P. & Widmer, R.
Pflanzenfarbstoffe VII Ueber lycopin. Helvetica Chim. Acta. 11: 751-752. 1928. no.4.

Kuhn, R., Winterstein, A. & Wiegand, W.
Der farbstoff der chinesischen gelbschoten. Ueber das vorkommen von polyen-farbstoffen im pflanzenreiche. Helvetica Chim. Acta. 11: 716-724. 1928. no.4.
Gardenia grandiflora.

Hort. Illus. (Boston)

Lazenby, F.
Alstroemerias as garden flowers. Hort. Illus. 6:359. illus. Ag.1, 1928. no.15.

Wister, J.C.
Bearded irises and their care. Hort. Illus. 6: 363-364. illus. Ag.1, 1928. no.15.

Illus. Landw. Zeit. (Berlin)

Neuer, H.
Beizversuche zu erbsen. Illus. Landw. Zeit. 48: 382. illus. Jl.27, 1928. no.30.

Industr. & Engin. Chem. (Easton, Pa.) (Easton, Pa.)

DeOng, E.R.
Petroleum oil as a carrier for insecticides. and as a plant stimulant. Industr. & Engin. Chem. 20: 826-827. Ag.1928. no.8.

Jahrb. Nassauisch.Ver. Nat. (Wiesbaden)

Petry, L.
Eine merkwurdige pflanzengesellschaft unserer heimat. Jahrb. Nassauisch. Ver. Naturk. 79: 18-19. 1927.

Journ. Agr. Prat. (Paris)

Crépin, Ch.

L'amélioration rapide du seigle basée sur sa bioligie florale. Journ. Agr. Prat. n.s., 50: 70-72. illus. Jl.28, 1928. no.30.

Ponsard, J.

La jambe noire de la pomme de terre. Journ. Agr. Prat. n.s., 50: 74. col.pl. Jl.28, 1928. no.30.

Journ. Agr. Res.

Monteith, J. & Dahl, A. S.

A comparison of some strains of Rhizoctonia solani in culture. Journ. Agr. Res. 36: 897-903. illus. My.15, 1928 (Rec'd Ag.13) no.10.

Reddy, C. S. & Holbert, J.R.

Differences in resistance to bacterial wilt in inbred strains and crosses of Dent corn. Journ. Agr. Res. 36: 905-910. illus. My.15,1928 (Rec'd Ag.13) no.10.

Aplanobacter stewarti.

Stewart, G.

Correlated inheritance in Kanred x Sevier varieties of wheat. Journ. Agr. Res. 36: 873-896. My.15,1928 (Rec'd Ag.13) no.10.

Young, P.A. & Morris, H.E.

Witches' broom of potatoes and tomatoes. Journ. Agr.Res. 36: 835-854. illus., pl. My.15,1928. (Rec'd Ag.13) no.10,

Journ. Assoc. Off. Agr. Chem. (Wash., D.C.)

Bailey, C.H.

Harry Snyder. Journ. Assoc. Off. Agr. Chem. 11(3): iii-iv. port. Ag.15,1928. no.3.

Journ. Biol. Chem. (Baltimore)

Jacobs, W. A. & Gustus, E. L.

The Digitalis glucosides I- Journ. Biol. Chem. 78: 573-581. Ag.1928. no.3.

I. Digitoxigenin and isodigitoxigenin.

Journ. Coll. Agr. Hokkaido Imp. Univ. Sappor, Japan.

Tadokoro, T.
Chemical studies on the ripening of rice-seed and chemical properties of rice of the early ripening subvarieties. Journ. Coll. Agr. Hokkaido Imp. Univ. Sapporo, Japan. 20: 333-354. Je.1928. no.5.

Tadokoro, T. & Yoshimura, K.
On the differences in physico-chemical properties of various proteins in plant seeds III. On the differences in the physico-chemical properties of the different kinds of soy-bean proteins. Journ. Coll. Agr. Hokkaido Imp. Univ. Sapporo, Japan. 20: 355-362. Je.1928. no.5.

Journ. Hered. (Washington)

Colby, A.S.
The inheritance of anthracnose resistance in certain raspberry hybrids. Journ. Hered. 19: 377-382. illus. Ag.1928. no.8.

Jones, D.F.
Burbank's results with plums. Journ.Hered. 19: 359-371. illus. Ag.1928. no.8.

Lesley, J.W. & Lesley, M.M.
The "wiry" tomato, a recessive mutant form resembling a plant affected with mosaic disease. Journ. Hered. 19: 337-344. illus. Ag.1928. no.8.

Owen, F.V.
Soybean seeds with two embryos. Journ.Hered. 19: 373-374. illus. Ag.1928. no.8.

Rea, H. E.
Asexual reproduction of cotton. Journ. Hered. 19: 357. illus. Ag.1928. no.8.

Journ. Min. Agr. Gt.Brit.(London)

Fenton, E.W.
Botanical notes from the south-west of England. Journ. Min. Agr. Gt. Brit. 35: 439-443. Ag.1928. no. 5.
Weeds, various crops.

Journ. Min. Agr. Gt. Brit. (cont.)

Long, H.C.
Weeds of arable land V. Journ. Min. Agr. Gt. Brit. 35: 443-451. Ag.1928. no.5.

Wuyts, O.F.
Culture of chicory (witloof) in Belgium. Journ. Min. Agr. Gt. Brit. 35: 430-438. plates. Ag.1928. no.5.

Journ. N.Y. Bot. Gard.

Small, J.K.
Botanical fields, historic and prehistoric (cont.) Journ. N.Y. Bot. Gard. 29: 185-209. illus. Ag.1928. no.344.

Wherry, E.T.
Selecting a national flower. Journ. N.Y. Bot. Gard. 29: 209-210. Ag.1928. no.344.
Author favors Phlox as the national flower.

Journ. Soc. Agr. & For. Sapporo, Japan.

Hiratsuka, N.
Studies on the Melampsoraceae of Japan. VIII. Notes on Melampsoraceae collected in the Kuriles. Journ. Soc. Agr. & For. Sapporo, Japan. 19: 564-568. My.1928. no.88.
Japanese.

Misonoo, G.
Studies on the blooming of oat flowers (Preliminary report.) Journ. Soc. Agr. & For. Sapporo, Japan. 19(88): 71-84. My.1928. no.88.

Shibuya, T.
An observation on the physical properties of regenerated rice. Journ. Soc. Agr. & For. Sapporo Japan. 19(88): 36-42. My.1928. no.88.
Text in Japanese.

Tadokoro, T., Abe, M. & Araki, Y.
Chemical studies on sex differences of proteins in animals and plants. Journ. Soc. Agr. & For. Sapporo, Japan 19(88): 23-35. My.1928. no.88.
Text in Japanese.

Journ. Soc. Agr. & For. Sapporo, Japan. (cont.)

Tatewaki, M.

Ecological association of the Horomui peat bog. Journ. Soc. Agr. & For. Sapporo, Japan. 18(88): 531-563. My.1928.

Japanese with English summary. Summary has title: The plant-succession in the Horomui-moor, prov. Ishikari, Hokkaido.

Journ. So. African Chem. Inst.

Lonstein, I.

Rapid micro-determination of potassium in soils and vegetables. Journ. So. African Chem. Inst. 10: 27-31. Jl.1927. no.2.

Moir, J.

Preliminary study of the colours of local flowers. Journ. Soc. African Chem. Inst. 10: 36-47. Jl.1927. no.2.

Zijl, J.P. van.

Note on the variation of phosphorus content in South African vegetation. Journ. So. African Chem. Inst. 12: 3-11. Ja.1928. no.1.

Kleine Mitt. Mitgl. Ver. Wasser- Boden, u. Lufthygiene. Berlin-Dahlem.

Beger, H.

Einige eigenschaften unserer wichtigeren laubbäume. Kleine Mitt. Mittgl. Ver. Wasser-Boden u. Lufthygiene. Berlin-Dahlem. 4: 153-159. illus. My./Ag.1928. no.5/8.

Alnus glutinosa, Sorbus aucuparia.

Landw. Jahrb. Schweiz. (Bern)

Neuweiler, E.

Die bekämpfung von getreidekrankheiten durch beizen. Landw. Jahrb. Schweiz. 42: 295-360. 1928. no.3.

London Nat.

Watson, W.

Brambles of Kent and Surrey. London Nat. 1927: 12-17. 1928.

Malayan Agr. Journ. (Kuala Lumpur)

Jack, H.W.

Annual report of the Division of economic botany for 1927. Malayan Agr. Journ. 16: 131-134. Ap.1928. no.4.

Thompson, A.

Annual report of the Division of mycology for 1927. Malayan Agr. Journ. 16: 161-168. Ap.1928. no.4.

Meded. Rijksboschbouwproefst. Wageningen.

Hesselink, E.

Eene bijdrage tot de ecologie van het grove-dennenbosch (Pinus silvestris) Meded. Rijks-boschbouwproefst. Wageningen. 3: 203-299. 1928. no. 3.

German and English résumés: p. 300-313.

Mem. Dept. Agr. India Bot. Ser.

Prayag, S.H.

Studies in Khandesh cotton I- Mem. Dept. Agr. India Bot. Ser. 15: 1-49. 8 pl. D.1927. no. 1.

Mem. R. Acad. Cienc. Barcelona.

Sennen, H.

La flora des la duna barcelonesa de Castell-defels. Mem. R. Acad. Cienc. Barcelona. III, 20(14) 10 p. 2 pl. 1928.

Mitt. Inst. Allg. Bot. Hamburg.

Irmscher, E.

Beiträge zur kenntnis der flora von Borneo 6-9. Mitt. Inst. Allgem. Bot. Hamburg. 7: 115-178. illus. 1928. no.2.

6. Musci. Von V.F. Brotherus. 7. Pteridophyta. Von Carl Christensen. 8. Cyperaceae. Von Hans Pfeiffer. 9. Gramineae. Von R. Pilger.

Möller's Deut. Gartn.-Zeit. (Erfurt)

Tischer, A.

Cheiridopsis brownii, Schick et Tisch. spec. nov. Möller's Deut. Gartn.-Zeit. 43: 248. Jl.21, 1928. no.21.

Uphof, J.C.Th.

Mehr beachtung der Edelreiser-auswahl. Sport-bildungen durch knospen-variationen und knospen-mutationen bei unsern obstarten Möllers Deut. Gartner.-Zeit. 43: 241-242. Jl.21, 1928. no.21.

V.10, no.17, p.23.

Nat. Hist. Mag. (London)

Edwards, W.N.

Extinct flowering plants and their living allies. Nat. Hist. Mag. 1: 251-255. illus. Jl.1928. no.7.

Nature Mag. (Wash., D.C.)

Brockman, C.F.

Evergreens for your home. Using native conifers in the landscape plan. Nature Mag. 12: 167-170. illus. S.1928. no.3.

Davey, M.L.

Tree surgery. An exacting science in the interests of our shade. Nature Mag. 12: 188-190 illus. 1928. no.3.

Nederl. Kruidk. Arch. (Amsterdam)

Cool, C.

Bijdrage tot de mycologische flora van Nederland. (cont.) Nederl. Kruidk. Arch. 1927: 228-232. Je.1928. no.2.

Kloos, Ir. A.W.

Aanwinsten van de Nederlandse flora in 1926 en 1927. Nederl. Kruidk. Arch. 1927: 133-159. illus. Je.1928. no.2.

Schipper, W.W.

Beschrijving van inheemse intermediaire Rubus-bastaarden IV. Nederl. Kruidk. Arch. 1927: 223-227. Je.1928. no.2.

Soest, J.L.van.

Het geslacht Hieracium in Nederland III. Nederl. Kruidk. Arch. 1927: 171-215. plates. Je. 1928. no.2.

Verdoorn, Fr.

De frullaniaceis I. Nederl. Kruidk. Arch. 1927: 160-170. Je.1928. no.2.

I. Kritische studie der inlandsche frullania-soorten.

Notizbl. Bot. Gart. Berlin.

Berlin. Botanischer garten.

Bericht uber den Botanischen garten und das Botanische museum zu Berlin-Dahlem vom 1. April 1927 bis 31. März 1928. Notizbl. Bot. Gart. Berl. 10: 313-337. Je.1928. no.94.

Notizbl. Bot. Gart. Berlin. (cont.)

Harms, H.
Eine neue gattung der leguminosae-papilionate sus Peru. Notizbl. Bot. Gart. Berlin. 10: 387-388. Je.1928. no. 94.
Raimondianthus platycarpus, n.sp.

Heppeler, F.
Drei neue Rhamnus-arten aus China. Notizbl. Bot. Gart. Berlin. 10: 343-344. Je.1928. no.94.
Rhamnus aurea, R.gilgianus, R. yunnanensis, n.sp.

Mansfeld, R.
Orchidaceae Amazonicae hubnerianae. Notizbl. Bot. Gart. Berlin. 10: 378-382. Je.1928. no.94.

Markgraf, F.
Plantae anatolicae nowackianae. Notizbl. Bot. Gart. Berlin. 10: 359-377. Je.1928. no. 94.

Melchior, H.
Plantae steinbachianae III. Notizbl. Bot. Gart. Berlin. 10: 345-351. Je.1928. no. 94.

Mildbraed, J.
Gertrudia K. Schum.= Ryparosa Bl. Notizbl. Bot. Gart. Berlin. 10: 338-340. Je.1928. no.94.
Ryparosa calotricha, n.sp.

Papp, C.
Einige neue formen von Melica aus Südamerika. Notizbl. Bot. Gart. Berlin. 10: 352-358. illus. Je. 1928. no.94.
Melica pilgeriana, M. mandonii, n.sp.

Pax, F. & Hoffmann, K.
Einige neue Euphorbiaceae. Notizbl. Bot. Gart. Berlin. 10: 383-386. Je.1928. no.94.
Phyllanthus nyassae, Ditaxis rubricaulis, Macaranga graeffeana, Neotrigonostemon diversifolius, Jatropha papyrifera, n.sp.

Schulz, O.E.
Zwei neue Cardamine-arten aus Colombia. Notizbl. Bot. Gart. Berlin 10: 341-342. Je.1928. no. 94.
Cardamine killipii, C. alberti, n.sp.

Ohio Journ. Sci. (Columbus)

Gerdel, R. W.
The colorimetric determination of total phosphorous in plant solutions. Ohio Journ. Sci. 28: 229-236. Jl.1928. no.4.

Schaffner, J.H.
Additions to the catalog of Ohio plants for 1927. Ohio Journ. Sci. 28: 205-214. Jl.1928. no.4.

Pacific Rural Press. (San Francisco)

Tesche, W. C.
Pear scab control in Mendocino. Pacific Rural Press. 116: 106. Ag.4, 1928. no.5.

Perfum. & Essent. Oil Rec. (London)

Constituents of some Indian essential oils. Perfum. & Essent. Oil Rec. 19: 251. Jl.1928. no.7.

The orchid in the perfumer's art. Perfum. & Essent. Oil. Rec. 19: 252-254. illus. Jl.1928. no.7.

Pflanzenbau. (Berlin)

Niethammer, A.
Serienprüfungen über die keimkraft unserer bekanntesten unkrautsamen. Pflanzenbau. 5: 19-20. Jl.15,1928. no.1/2.

Oberstein, O.
Speisekartoffelprüfung morphologisch gleicher kartoffelsorten und § 6, 8 der Berliner vereinbarungen von 1926. Pflanzenbau. 5: 10-13. Jl.15, 1928. no.1/2.

Rudorf, W.
Die verwendung der sortenimmunität gegen pilzliche parasiten als unterscheidungsmerkmal für das getreidesortenregister. Pflanzenbau. 5: 4-5. Jl.15, 1928. no.1/2.

Schiwan, W.P. & Dobusch, A.P.
Die acidität des saftes von knollen- und wurzelfrüchten. Pflanzenbau. 5: 6-8. Jl.15,1928. no. 1/2.

Plant Physiology,

Dr. Patrick J. O'Gara. Plant Physiolgoy. 3: 232. Ap.1928. no.2.

Haley, D.E., Nasset, E.S. & Olson, O.
A study of certain constituents of the leaf and their relation to the burning qualities of tobacco. Plant Physiology. 3: 185-197. Ap.1928. no.2.

Hardenburg, E.V.
Muck-soil reaction as related to the growth of certain leaf vegetables. Plant Physiology. 3: 199-210. illus. Ap.1928. no.2.

Harvey, R.B.
Timiriazeff and the Timiriazeff agricultural institute. Plant Physiology. 3: 227-230. illus., port. Ap.1928. no.2.

Hurd-Karrer, A.M.
Changes in the buffer system of the wheat plant during its development. Plant Physiology. 3: 131-153. Ap.1928. no.2.

Lloyd, F.E. & Moravek, V.
Studies in periodic precipitation. Plant Physiology. 3: 101-130. 5 pl. Ap. 1928. no.2.

Oven, F.V.
A sterile character in soybeans. Plant Physiology. 3: 223-226. illus. Ap.1928. no.2.

Sando, C.E.
Lipides and their estimation in vegetable tissues. Plant Physiology. 3: 155-184. Ap. 1928. no.2.

Schertz, F. M.
The extraction and separation of chlorophyll ($\alpha + \beta$) carotin and xanthophyll in fresh grass leaves, preliminary to their quantitative determination. Plant Physiology. 3: 211-216. Ap.1928. no.2.

Sommer, A.L.
Further evidence of the essential nature of zinc for the growth of higher green plants. Plant Physiology. 3: 217-221. illus. Ap.1928. no.2.

V.10, no.17, p. 27.

Planta, Arch. Wiss. Bot. (Berlin)

Cartellieri, E.
Das haustorium von Cassytha pubescens R.Br. Planta, Arch. Wiss. Bot. 6: 162-182. illus. Jl.1928. no.1.

Cholodny, N.
Beiträge zur hormonalen theorie von tropismen. Planta, Arch.Wiss.Bot. 6: 118-134. illus. Jl. 1928. no. 1.

Kisselew, N.N.
Der temperatureinfluss auf die stärkehydrolyse in mesophyll- und schliesszellen. Planta, Arch. Wiss. Bot. 6: 135-161. Jl.1928. no.1.

Klebahn, H.
Experimentelle und cytologische untersuchungen im anschluss an alloiophyllie und viruskrankheiten. Planta, Arch. Wiss. Bot. 6: 40-95. illus. Jl.1928. no.1.

Miller, V.
Arnoldiella, eine neue cladophoraceengattung, Planta, Arch.Wiss. Bot. 6: 1-21. illus. Jl.1928. no. 1.

Müller, D.
Die kohlensäureassimilation bei arktischen pflanzen und die abhängigkeit der assimilation von der temperatur. Planta, Arch. Wiss. Bot. 6: 22-39. Jl.1928. no.1.

Piech, K.
Ueber die entstehung der generativen selle bei Scirpus uniglumis Link durc "freie zellbildung". Planta, Arch.Wiss. Bot. 6: 96-117. illus., pl. Jl.1928. no.1.

Plant. & Sugar Manuf. (New Orleans)

Menendez Ramos, R.
Experiences with sugar cane varieties in Oriente province, Cuba, 1923-1927. Plant. & Sugar Manfr. 81(5): 82-85, 101-105. illus. Ag.4,11,1928. no.5-6.

Plant. Chron. (Madras, India)

Tunstall, A.C.
Vegetable parasites of the tea plant. Planters' Chron. 23:503-506, 524-525. Jl.7,14, 1928. no.27-28.

Poona Agr. Coll. Mag. (Poona City)

Bhalerao, S.G.

The wild rice (Oryza sativa) of the Bombay Presidency. Poona Agr. Coll. Mag. 20: 45-49. Jl.1928. no.1.

Gokarn, M.R.

Abnormalities of the coconut palm. Poona Agr. Coll. Mag. 20: 20-23. Jl.1928. no.1.

Paradkar, C.G.

Breeding of begonias by selection in seedlings. Poona Agr. Coll. Mag. 20: 40-42. Jl.1928. no.1.

Prakt. Blätt. Pflanzenb. u. Pflanzensch. (Freising)

Flachs, K.

Die Septoria-blattfleckenkrankheit des selleries u. ihre bekämpfung. Prakt. Blätt. Pflanzenbau u. Pflanzenschutz. 28: 93-96. illus. Jl. 1928. no.4.

Korff, G. & Böning, K.

Bericht über das auftreten von krankheiten und schädlingen an landwirtschaftlichen kulturpflanzen im Juni 1928. Prakt. Blätt. Pflanzenb. u. Pflanzensch. 28: 99-102. Jl.1928. no.4.

Zattler, F.

Die wichtigsten hopfenkrankheiten und ihre bekämpfung. Prakt. Blätt. Pflanzenbau u. Pflanzensch. 28: 85-92. Jl.1928. no.4.

Proc. Birmingham Nat. Hist. & Phil. Soc.

Sproston, N.G.

The fungi of Hartlebury. Proc. Birmingham Nat. Hist. & Phil. Soc. 15: 151-153. 1928. no.7.

Proc. Iowa Acad. Sci. (Des Moines)

Blagg, B.

Preliminary list of Iowa mosses. Proc. Iowa Acad. Sci. 34: 125-132. illus. [1928]

Catlin, L.A. & Hayden, A.

The physiolographic ecology of a Wisconsin drift lake. Proc. Iowa Acad. Sci. 34: 165-190. illus. [1928]

Proc. Iowa Acad. Sci. (cont.)

Gilman, J.C. & Porter, D.R.
Observations on plant diseases in Iowa from 1924-1926. Proc. Iowa Acad.Sci. 34: 95-107. [1928]

Lindly, J.M.
Flowering plants of Henry County, Iowa. II. Proc. Iowa Acad. Sci. 34: 133-137. [1928].

Loehwing, W.F.
Preliminary report on amino acid synthesis in plants. Proc. Iowa Acad. Sci. 34: 115-118. [1928].

Loehwing, W.F.
Some physico-chemical effects of organic soil colloids. Proc. Iowa Acad. Sci. 34: 149-152. [1928].
Investigation to determine cause of injurious effects of lime to grains grown on certain acid organic soils. Decreased potash assimilation is coupled with change from acidity to alkalinity in the soil, or with release by replacement of some toxic substance.

Martin, G.W.
Notes on Iowa fungi - 1925. Proc. Iowa Acad. Sci. 34: 139-144, 145-148. illus. [1928].
1. Further notes on Iowa Amanitas. 2. Cortinarius anomalus with abnormal pileus. 3. Observations on Mycenastrum corium.; 1. The status of Amanita volvata Pk. 2. Crepidotus cinnabarinus Pk. 3. The spores of Psilocybe foenisecii Fr.

Pammel, L.H.
Weeds of California and their relation to weeds in other sections of the country. Proc. Iowa Acad. Sci. 34: 153-163. illus. [1928].

Prescott, G.W.
A brief summary of work on Iowa algae. Proc. Iowa Acad. Sci. 34: 111-113. [1928].

Taylor, H.J.
The history and distribution of yellow Nelumbo, water chinquapin, or American lotus. Nelumbo lutea (Willd) Pears. Proc. Iowa Acad. Sci. 34: 119-124. [1928]

Proc. N.J. State Hort. Soc.

Farley, A.J.
Report on new fruits. Proc. New Jersey State Hort. Soc. 53: 199-204. 1928.

McLean, H.C.
Some results of a study of spray residue on apples in 1927. Proc. New Jersey State Hort. Soc. 53: 213-225. 1928.

Martin, W.H.
Apple scab and fruit spot control studies in 1927. Proc. New Jersey State Hort. Soc. 53: 71-81. 1928.

Martin, W.H.
The value of organic mercury compounds as seed disinfectants. Proc. New Jersey State Hort. Soc. 53: 19-25. 1928.

Robbins, W.R.
The status of ethylene gas for blanching celery and ripening tomatoes in New Jersey. Proc. New Jersey State Hort. Soc. 53: 19-25. 1928.

Progr. Agr. & Vitic.(Montpellier)

Bènes, G.
De l'influence que peut exercer l'acide phosphorique sur la résistance des plantes au mildiou. Progr. Agr. et Vitic. 90: 80-81. Jl.22, 1928. no.30.

Publ. Lab Quím. Anal. Univ. Nac. Tucumán.

Awschalom, M.
Contribución al estudio del "Astragalus unifultus" l'Heritier (garbancillo). Publ. Lab. Quím. Anal. Univ. Nac. Tucumán. 1. 29 p. illus. 1928.

Reference Book Sugar Ind. (Louisiana Plant.)

Cook, M.T.
Sugar cane gummosis. Reference Book Sugar Industr. (Louisiana Plant.) 6(6): 72-73. Jl. 1928.

Earle, F.S.
The sugar cane variety situation. Reference Book Sugar Industr. (Louisiana Plant.) 6(6): 27-28. Jl.1928.

Reference Book Sugar Ind. (Louisiana Plant.) (cont.)
Edgerton, C.W.
The fungus, Pythium, in relation to the root rot of sugar cane. Reference Book Sugar Industr. (Louisiana Plant.) 6(6): 39-40. illus. Jl.1928.

Mangelsdorf, A.J.
The quest for better canes. Reference Book Sugar Industr. (Louisiana Plant.) 6(6): 29-31. Jl. 1928.

Rep. Conn. Veg. Grow. Assoc.
Clinton, G.P.
Diseases and injuries of Connecticut vegetables in 1927. Rep. Conn. Veg. Grow. Assoc. 1927: 70-73. F.1928.

Rep. For. Exp. Stat. Chosen.
Yamabayashi, N.
Identification of Corean woods (Ginkgoales & Coniferae). [Rep.] For. Exp. Stat. Chosen Keijo no.7. 56 p. xi pl. 1928.

Rep. Prov. Mus. Nat.Hist. Brit. Columbia.
St.John, H.
New plants from British Columbia. Rep.Prov. Mus.Nat. Hist. Brit. Columbia. 1927: E14-E15. 1928.

Rep. Secretary Dept.Agr. So.Rhodesia.
Hopkins, J.C.
Report of the mycologist for the year 1927 Rep. Secretary Dept. Agr. So.Rhodesia. 1927: 43-44. 1928.

Rep. Tobacco Stat. Connecticut.
Clinton, G.P. & McCormick, F.A.
Tobacco mosaic. Rep. Tobacco Stat. Connecticut. 10: 75T-82T. Mr.1928.

Rev. Agr. Com. y Trab Cuba. (Habana)
Fortin, G.M.
Seleccion de variedades de caña. Rev. Agr. Com. y Trab. Cuba. 9(9/12): 47-51. illus. Mr./Je. 1928.

Rev. Agriculteurs France.

Fron, G.

Le traitement du blé de semence contre la carie. Rev. Agriculteurs France. n.s., 60: 138-139. Jl.1928. no.7.

Rev. Bot. Appl. (Paris)

Chevalier, A.

Révision des Acacia du Nord, de l'Ouest et du Centre Africain (cont.). Rev. Bot. Appl. 8: 496-501. Jl.1928. no.83.

Moreau, F. & Dusseau, Mle.A.

L'étude de la résistance des blés au froid. Rev. Bot. Appl. 8: 482-488. Jl.1928. no.83.

Rev. Gén. Hort. & Cult. Fruit. (Paris)

Evreinow, Vl.

Pamplemousse ou pomélo (Citrus decumana D.C.) Rev. Gén. Hort. & Cult. Fruit. 6: 1005-1006. illus. Je.1928. no. 62.

Rev. Vitic. (Paris)

Carles, P.

Le cuivre et le mildiou. Rev. Vitic. 59: 44-46. Jl.19,1928. no.1777.

Science. (Lancaster)

Crechter, L.H. & Butler, C.L.

The nature of the acidic substance formed on the hydrolysis of Acacia. Science. 68: 116-117. Ag.3, 1928. no.1753.

Dawson, M.L. & Povah, A.H.

A new Rhizopus rot of rutabaga. Science. 68: 112. Ag.3, 1928. no.1753.

Rhizopus fusiformis, sp.nov.

Deatrick, E.P.

Watering potted soil kept under microbiologically controlled conditions. Science. 68: 114-115. Ag.3, 1928. no.1753.

Espino, R.B.

Report on recuperative growths within a year of some plants injured by a typhoon. Science. 68: 89-93. illus. Jl.1928. no.2.

Science. (cont.)

George M. Beringer. Science. 68: 108. Ag.3, 1928. no.1753.
Notice of death.

Otis, C.H.
The viability of algae. Science. 68: 134-135. Ag.10, 1928. no.1754.

Setchell, W.A.
Coral reefs as zonational plant formations. Science. 68: 119-121. Ag.10, 1928. no.1754.

Southwick, M.A.
Extracts of fruit skins as selective nuclear stains. Science. 68: 137. Ag.10, 1928. no.154.

Scient. Agr. (Ottawa)

Kirk, L.E. & Immer, F.R.
Application of goodness of fit tests to Mendelian class frequencies. Scient. Agr. 8: 745-750. Ag.1928. no.12.

Smith, W.K.
Spike emergence in wheat hybrids. Scient. Agr. 8: 795-796. Ag.1928. no.12.

Upshall, W.H.
An important character in strawberry variety classification. Scient. Agr. 8: 793-794. illus. Ag.1928. no.12.

Sitzungsb. Preuss. Akad. Wiss. (Berlin)

Rubner, M.
Ueber die physiologische bedeutung wichtiger bestandteile der vegetabilien mit besonderer berücksichtigung des lignins. Sitzungsb. Preuss. Akad. Wiss. 1928: 127-145. 1928. no.12.

Smithson. Misc. Coll. (Washington)

Thériot, I.
Mexican mosses collected by Brother Arsène Brouard II. Smithsonian Misc. Coll. 81: 1-26. illus. Ag.1928. no.1.

Soil Sci. (Baltimore)

Harper, H.J. & Murphy, H.F.
The growth of cotton in various nutrient solutions. Soil Sci. 26: 139-145. Ag.1928. no.2.

Newton, J.D.
The selective absorption of inorganic elements by various crop plants. Soil Sci. 26: 85-91. Ag.1928. no.2

Peterson, W.H. & Lindow, C.W.
Variations in the manganese content of certain vegetables. Soil Sci. 26: 149-153. Ag.1928. no.2.

Succulenta. (Leeuwarden)

Duursma, G.D.
Ariocarpus lloydii. Succulenta. 10: 153-154. illus. Ag.1928. no.8.

Duursma, G.G. & Van den Houten, J.M.
Sempervivums. Succulenta. 10: 147-153. Ag.1928. no.8.

Sugar News (Manila)

Arrhenius, O.
Soil acidity and sugar cane. Sugar News. 9: 468-470. Jl.1928. no.7.

Sver. Utsädesför. Tidskr. (Svalof)

Nilsson-Leissner, G.
Om korrelationer mellan skalningsprocent och andra egenskaper hos timoteijfrö (On correlations between hullessness and other characters of timothy seeds). Sver. Utsädesför. Tidskr. 38: 154-167. 1928. no.3.
English summary: p.165-167.

Rasmusson, J.
Foderrotfrukternas förädling (Root-crop breeding) Sver. Utsädesför. Tidskr. 38: 131-150. 1928. no.3.
English summary: p.148-150.

Terre Vaud. (Lausanne)
Faes, H.
Influence des conditions climatériques sur le développement des insectes et champignons parasites des cultures. Terre Vaud. 20: 454-456. Ag.4, 1928. no.31.

Tijdschr. Plantenz. (Amsterdam)
Ignatius, J.G.W.
Het mislukken van hulstveredelingen ten gevolge van Thielavia basicola-aantasting. Tijdschr. Plantenziekt. 34: 200-203. pl. VII. Jl.1928. no.7.

Thung, T.H.
Over knolentingen, die ter bestudeering der virusziekten van de aardappelplant worden uitgevoerd. Tijdschr. Plantenziekt. 34: 195-199. Jl. 1928. no.7.

Tropenpfl. (Berlin)
Uhlhof, J.C.Th.
Der kumquat. Tropenpflanzer. 31: 265-267. Jl.1928. no. 7.

U.S. Dept. Agr. Circ.
Jones, F.R. & Weimer, J.L.
Bacterial wilt and winter injury of alfalfa. U.S. Dept. Agr. Circ.39. 8 p. illus. Jl.1928.

Rands, R.D., Sherwood, S.F. & Stevens, F.D.
Sugar-cane variety tests in Louisiana during the crop year 1926-27. U.S. Dept. Agr. Circ. 36. 14 p. Ag.1928.

Versl. en Meded. Plantenziektenk. Dienst, Wageningen.
Netherlands - Plantenziektenkundige dienst, Wageningen.
The phytopathological service in the Netherlands, 3d ed. Versl. en Meded. Plantenz. Dienst. Wageningen. 13a. 18 p. illus. Mr.1928.

Věstník Českosl. Akad. Zeměd. (Praha)
Černý, E.
Biochemie jetele (Die biochemie des klees). Věstník Českoslov. Akad Zeměd. 4: 537-539. Je./ Jl. 1928. no.6/7.
German translation: p.538-539.

Vict. Nat. (Melbourne)
Williamson, H.B.
The lilies of Victoria. Vict. Nat. 45: 70-73. illus. Jl.1928. no.3.

Vie Agr. et Rur. (Paris)
Diffloth, P.
Les déformations et les maladies des fruits a noyau sur le marche. Vie Agr. et Rur. 32: 87-89. illus. Ag.5, 1928. no. 32.

Zeitschr. Angew. Chem. (Leipzig)
Hilgendorff, G.
Ueber chemische mittel zur bekämpfung der pflanzenkrankheiten. Zeit. Angewandt. Chem. 41: 801-805. Jl.21, 1928. no.29.

Zeitschr. Pflanzenkr. (Stuttgart)
Hagem, O.
Lophodermium-Schütte in west-Norwegen. Zeitschr. Pflanzenkr. 38: 193-208. Jl./Ag.1928. no.7/8.
Lophodermium pinastri.

Hollrung, M.
Tylenchus dipsaci Jul. Kühn. oder Tylenchus devastrix Jul. Duhn? Zeitschr. Pflanzenkr. 38: 221-222. Jl./Ag.1928. no.7/8.

Schwartz, W.
Ueber den abbau der kartoffelsorten. Zeitschr. Pflanzenkr. 38: 216-221. Jl./Ag. 1928. no.7/8.

Uphof, J.C.Th.
Zur frage der ulmenkrankheit in Europa. Zeitschr. Pflanzenkr. 38: 222-224. Jl./Ag.1928. no.7/8.

Zimmermann, F.
Schorfbekämpfungsversuche in Nordböhmen. Zeitschr. Pflanzenkr. 38: 208-215. Jl./Ag.1928. no. 7/8.

Zeitschr. Pilzk. (Leipzig)
John, A.
Eine schwere knollenblatterpilzvergiftung im Vogtlande. Zeitschr. Pilzk. n.s., 7: 102-104. Jl.1928. no.7.

Thellung, F.
Seltenere giftpilze und ihre wirkungen. Zeitschr. Pilzk. n.s., 7: 97-102. pl.6. Jl.1928. no. 7.

Exper. Stat. Publ.

Walker, M.N.
Soil temperature studies with cotton. III-
Florida Agr. Exp. Stat. Bull. 197. p. 345-371.
illus. My.1928.
III. Relation of soil temperature and soil
moisture to the soreshin disease of cotton.

Fleming, C.E., Miller, M.R. & Vawter, L.R.
The greasewood, (Sarcobatus vermiculatus) A
range plant poisonous to sheep. Nevada Agr. Exp.
Stat. Bull. 115. 22 p. illus. Jl.1928.

Hartman, H., Robinson, R.H. & Zeller, S.M.
The removal of spray residue from apples and
pears. Oregon Agr. Exp. Stat. Bull. 234. 38 p.
illus. Je.1928.

Beach, W.S.
The relations of Bacterium vignae to the tissues
of lima bean. Pennsylvania Agr. Exp. Stat. Bull.
226. 15 p. illus. My.1928.
Bacterium vignae syn. Bacterium viridifaciens.

Haber, J.M.
The relationship between Bacillus amylovorous
and leaf tissues of the apple. Pennsylvania Agr.
Exp. Stat. Bull.228. 12 p. plates. Je.1928.

Mack, W.B.
Experiments in tomato production. Pennsyl-
vania Agr. Exp. Stat. Bull. 227. 27 p. illus.
Je.1928.

Heald, F.D., Neller, J.R. & Overley, F.L.
Arsenical spray residue and its removal from
apples and pears. Washington Agr. Exp. Stat.
Bull. 226. 100 p. illus. My.1928.

Magness, J.R., Overley, F.L., Heald, F.D., & Neller,
J.R., D.F. Fisher & H.C. Diehl.
The removal of spray residue from apples and
pears in Washington state. Washington Agr. Exp.
Stat. Pop. Bull. 142. 29 p. illus. Jl.1928.

State Publications.

McCubbin, W.A.
Peach yellows report 1927. Bull. Pennsylvania
Dept. Agr. 11(6). 25 p. illus. Je.1, 1928.

New Books.

Bartram, W.
The travels of William Bartram. N.Y., Macy-Masius, 1928 (An American bookshelf, 2, edited by M. Van Doren)

Gough, K.
A garden book for Malaya. London, H.F. & G. Witherby, 1928.

Gress, E.M.
Common wild flowers of Pennsylvania. Altoona, Pa., The Times tribune co., c1928.

Hess, G.
Morphologische untersuchungen an 8 hafersorten während des wachstums und an der reifen pflanze. [Berlin, 1928]

Keim, F.D.
Inheritance studies of a cross between T. compactum and T. spelta. [Ithaca,?, N.Y., 1927?]
Abstract of thesis. - Cornell Univ.

Ochse, J.J.
Indische vruchten. Weltevreden, 1927.

Owens, C.E.
Principles of plant pathology. N.Y., John Wiley & sons, 1928.

Pammel, L.H.
E.W.D. Holway. In his Prominent men I have met. Ames, Iowa. 1928.

Sirks, M.J.
Plantenveredeling en genetica in de oostelijke staten van Noord-Amerika. Wageningen, 1927.

Small, J.
What botany really means. London, G.Allen & Unwin, 1928.

New Books (cont.)

Thomas, W.S.

Field book of common gilled mushrooms with a key to their identification and directions for cooking those that are edible. New York, G.P. Putnam's sons, 1928.

Reprints from Journals not yet rec'd or not available.

Crépin, Ch.

Les fausses folles avoines: mutations or hybrides? Reprinted from Verhandl. V. Intern. Kongress. Vererbungswissensch. Berlin. 1927: 568-575. 1928.

Holdridge, F.L. & McCubbin, W.A.

Control of rot in geranium cuttings. Reprinted from Proc. Pennsylvania Acad. Sci. 2: 1-4. 1928.

Omitted from regular place.

Pieper, W.

Vorarbeiten zu einer revision der afrikanischen Vitex-arten mit berücksichtigung der übrigen. Bot. Jahrb. Engler. 62(Beibl. 142):1-16. pl. i-iv. Jl. 1928.

BOTANY
CURRENT LITERATURE

ADDITIONS TO THE BOTANICAL CATALOGUE, BUREAU OF PLANT INDUSTRY.
COMPILED FROM PUBLICATIONS RECEIVED IN THE
LIBRARY OF THE UNITED STATES DEPARTMENT OF AGRICULTURE, WASHINGTON, D. C.

RECEIVED
★ SEP 1 1928
U. S. Department of Agriculture

Vol. 10, no. 18. Aug. 20- Sept. 1, 1928.

Abhandl. Gebiete Naturw. Hamburg.

Heitz, E.
Ueber multiple und aberrante chromosomenzahlen. Abhandl. Gebiete Naturw. Hamburg 21 (3/4): 47-57. pl. 8. Ag. 1927 (Rec'd Ag.1928)

Agr. Gaz. N.S.W. (Sydney)

Broadfoot, H.
Cross-pollination of fruit trees. Agr. Gaz. N.S.W. 39:538-545. illus. Jl. 1928. no.7.

Noble, R.J.
Oat smuts. Agr. Gaz. N.S.W. 39:516-518. illus. Jl. 1928. no.7.

Noble, R.J.
Root knot and other eelworm diseases. Agr. Gaz. N.S.W. 39:546-550. illus. Jl. 1928. no.7.

Ann. Bot. (London)

Ashby, Eric, Bolas, B.D., and Henderson, F.Y.
The interaction of factors in the growth of Lemna I- Ann. Bot. 42:771-782. illus. Jl. 1928. no.167.

Barnard, C.
A note on the structure of a Lepidodendron stem from the lower carboniferous of New South Wales. Ann. Bot. 42:665-675. illus., pl. xi. Jl. 1928.no.167.

Campbell, D.H.
The embryo of Equisetum debile, Roxb. Ann. Bot. 42:717-728. illus., pl. xiii. Jl. 1928. no.167.

Gregory, F.G., and Crowther, F.
A physiological study of varietal differences in plants I- Ann. Bot. 42:757-770. Jl. 1928. no.167.
I. A study of the comparative yields of barley varieties with different manurings.

Haines, F. M.
A method of investigating and evaluating drought resistivity and the effect of drought conditions upon water economy. Ann. Bot. 42:677-705. Jl. 1928. no.167.

Ann. Bot. (cont.)

Mason, T. G.
Studies on the transport of carbohydrates in the cotton plant II. The factors determining the rate and the direction of movement of sugars. Ann. Bot. 42: 571-636. Jl. 1928. no.167.

Parkin, J.
The glossy petal of Ranunculus. Ann. Bot. 42: 739-755. illus. Jl. 1928. no.167.

Pelluet, D.
Observations on the cytoplasm of normal and pathological plant cells: the effect of parasitism on the chondriome of certain members of the Ericaceae with a brief description of their ecology. Ann. Bot. 42: 637-664. illus., pl. ix-x. Jl. 1928. no.167.

Sethi, M. L.
Contributions to the life-history of Equisetum debile, Roxb. Ann. Bot. 42:729-738. pl. xiv. Jl. 1928. no.167.

Walton, John
Carboniferous Bryophyta II. Hepaticae and musci. Ann. Bot. 42:707-716. pl. xii. Jl. 1928. no.167.

Ann. Appl. Biol. (London)

Bennett, F.T.
On Dematium pullulans De B. and its ascigerous stage. Ann. Appl. Biol. 15:371-391. illus., pl. xix-xx. Ag.1928. no.3.
Anthostomella pullulans comb. nov., perfect stage.

Davidson, J.
Professor Antonio Berlese. Ann. Appl. Biol. 15:509-511. pl. xxiii (port.) Ag.1928.

Fryer, J. C. F., Tattersfield, F., and Gimingham, C.T.
English-grown pyrethrum as an insecticide I- Ann. Appl. Biol. 15:423-445. Ag.1928.

MacBride, E. W.
Sir Arthur Shipley, G.B.E., F.R.S. Ann. Appl. Biol. 15:512-513. Ag.1928. no.3.

Ann. Appl. Biol. (cont.)

Robertson, D.
Observations on the disease of oats caused by the stem eelworm Anguillulina dipsaci (Kühn, 1857) Ann. Appl. Biol. 15:488-498. illus. Ag.1928. no.3.

Salmon, E. S., and Ware, W. M.
Inoculation experiments with the downy mildews of the hop and nettle (Pseudoperonospora humuli (Miy. et Taka.) Wils. and P. urticae (Lib.) Salmon et Ware) Ann. Appl. Biol. 15:352-370. Ag.1928. no.3.

Salmon, E. S., and Ware, W. M.
The mosaic disease of the hop; grafting experiments I- Ann. Appl. Biol. 15:342-351. Ag.1928. no.3.

Sampson, K. and Davies, D. W.
The germination and early growth of wheat treated with copper carbonate and tillantin R. Ann. Appl. Biol. 15:408-422. Ag.1928. no.3.

Stoughton, R. H.
The influence of environmental conditions on the development of the angular leaf-spot disease of cotton. Ann. Appl. Biol. 15:333-341. illus. pl. xviii. Ag. 1928. no.3.

Thaysen, A. C., and Galloway, L. D.
The production of power alcohol from waste vegetable materials, such as grass, straw and husks. Ann. Appl. Biol. 15:392-407. Ag.1928. no.3.

Arch. Protistenk. (Jena)

Bachmann, E.
Die pilzgallen einiger cladonien III. Arch. Protistenk. 62:261-306. illus. Jl. 1928. no.2/3.

Jones, P.M.
Morphology and cultural history of Plasmodiophora brassicae. Arch. Protistenk. 62:313-327. illus., pl. 15-21. Jl. 1928. no.2/3.

Jones, P.M.
Parasite Calkinsi on Plasmodiophora tabaci and its possible etiological rôle in tobacco mosaic. Arch. Protistenk. 62:307-312. pl. 11-14. Jl.1928. no.2/3.

Arch. Protistenk. (cont.)

Korshikov, A. A.
Notes on some new or little known Protococcales. Arch. Protistenk. 62:416-426. pl. 28. Jl. 1928. no.2/3.
Dichotomococcus capitatus, n. sp.

Ber. Deut. Bot. Ges. (Berlin)

Huber, J. A.
Morphologische untersuchungen an Aegilops-artbastarden. Ber. Deut. Bot. Ges. 46:356-369. illus. Jl. 1928. no.6.

Kubart, B.
Das problem der tertiären Nordpolarfloren. Ber. Deut. Bot. Ges. 46:392-402. illus. Jl. 1928. no.6.
Vorläufige mitteilung.

Lilienstern, M.
Physiologische untersuchung über Marchantia polymorpha L. in reinkultur II. Ber. Deut. Bot. Ges. 46:370-382. illus., Jl. 1928. no.6.

Maximow, N. and Krasnosselsky-Maximow, T. A.
Schwankungen im verlauf der photosynthese. Ber. Deut. Bot. Ges. 46:385-391. Jl.1928. no.6.

Oksijuk, P.
Zur blütenbiologie der zuckerrübe. Ber. Deut. Bot. Ges. 46:403-408. pl. xii. Jl. 1928. no.6.

Molisch, Hans
Rote wurzelspitzen. Ber. Deut. Bot. Ges. 46: 311-317. illus. Je. 1928. no.5.

Better Crops (New York)

Walrath, E. K.
Protect your wheat seed from stinking smut. Better Crops 11(2):11-14, 61. illus. Ag.1928.

Biochem. Zeitschr. (Berlin)

Herčik, F.
Ueber die photokapillare reaktion der pflanzen-phosphatide I-II. Biochem. Zeitschr. 198:81-87, 88-97. Jl. 1928. no.1/3.
I. Einfluss von salsen auf die reaktion.
II. Die photokapillare reaktion in gegenwart von eisen.

Biol. Rev. & Biol. Proc. Cambridge Phil. Soc.
Delf, E. M.
The influence of ultra-violet light on plants
Biol. Rev. & Biol. Proc. Cambridge Phil. Soc. 3: 261-269. Jl. 1928. no.3.

Bull. Counc. Sci. & Ind. Res. Austr. (Melbourne)
Coghill, D.
A survey of the tanning materials of Australia.
Bull. Counc. Sci. & Industr. Res. Australia. 32. 136 p. 1927. (Rec'd Ag. 1928).

Bull. Dept. Agr. So. Africa.
Van Niekerk, S. W.
American stocks, investigation of grafted vines.
Bull. Dept. Agr. So. Africa. 1927, no. 10. 11 p.
Vines suffering from "court noue": p.10-11.

Bull. Misc. Inform. Kew (London)
Becker, W.
New Chinese species of Viola. Bull. Misc. Inform. Kew. 1928:247-252. no.6.

Craib, W. G.
Contributions to the flora of Siam. Additamentum XXV. Bull. Misc. Inform. Kew. 1928:234-247. no.6.

Hutchinson, J. & Dalziel, J. M.
Tropical African plants III. Bull. Misc. Inform. Kew. 1928:211-229. no.6.

Sprague, T. A.
Dalzellia or Belosynapsis. Bull. Misc. Inform. Kew 1928: 252-254. no.6.
Belosynapsis should be retained, discusses also the status of Lawia Wight & Lawia Griff.

Sprague, T. A.
The orchid-flowered butterworts. Bull. Misc. Inform. Kew. 1928:230-234. no.6
Pinguicula sp.

Bull. Misc. Inform. Kew. (cont.)
Stapf, O.
The nomenclature of "Bromus". Bull. Misc. Inform. Kew. 1928:209-211. no.6.

Bull. N.Y. State Coll. For. (Techn. Publ.)
Harlow, W. M.
Contributions to the chemistry of the plant cell wall II. Lignification in the secondary and tertiary layers of the cell walls of wood. Bull. N. Y. State Coll. For. v.1, no.3. (Techn. Publ. 24) 12 p. pl. on 3. Jl.1928.

Hirt, R. R.
The biology of Polyporus gilvus (Schw.) Fries. Bull. N.Y. State Coll. For. v.1, no.1a(Techn. Publ. 22) 47 p. xi pl. on 6. F.1928. (Rec'd Ag.)

Lodewick, J.E.
Seasonal activity of the cambium in some northeastern trees. Bull. N.Y. State Coll. For. v.1, no.2a (Techn. Publ. 23) 87 p. incl. plates My.1928 (Rec'd Ag.)

Bull. Union Agr. Egypt. (Le Claire)
Aladjem, R., and Anhoury, J.
Victor M. Mosséri. Bull. Union Agr. Egypte. 26:69-73. port. Je./Jl. 1928. no.192.

Centralbl. Bakt. Abt. I. (Jena)
Lieske, R.
Untersuchungen über die krebskrankheit bei pflanzen, tieren und menschan. Centralbl. Bakt. Abt. I. 108:118-146. pl. i-iii. J. 1928. no.1/4.

Country Life (London)
Taylor, G.C.
Plants for pergolas and arches. Country Life 64(Suppl.):xlvi,xlviii,l. illus. Ag. 18,1928. no.1643.

Cyprus Agr. Journ. (Nicosia, Cyprus)
Unwin, A. H.
The old plane-tree near the Paphos gate, Nicosia. Cyprus Agr. Journ. 23:85-86. Jl. 1928. no.3.
Platanus orientalis.

Deut. Landw. Presse (Berlin)
Vogt, O.
Moos auf Grünland. Deut. Landw. Presse. 55: 455. illus. Ag. 4,1928. no.31.
Mosses as harmful to forage plants.

Dokl. Akad. Nauk SSSR (Compt. Rend. Acad. Sci. URSS)
Tolmachev, A.I.
Sur une nouvelle espèce arcto-alpine de senecio. Dokl. Akad. Nauk SSRR (Compt. Rend. Acad. Sci. U.R.S.S.) 1928. A, p. 265-267. illus. no.14/15.
S. tundricola.

Fruit Grow. Fruiterer, Flor. & Mark. Gard. (London)
Dye, H.W.
Control of celery blight. Fruit Grow., Fruiterer & Mark. Gard. 66:191-192. illus. Ag. 16,1928. no.1705.

Gard. & Home Builder (Garden City,N.Y.)
Gilbert, B.E.
The mystery of the dahlia. Garden & Home Builder 47:617, 672. illus. S. 1928. no.7.

Hottes, A. C.
Pygmalions among the hardy perennials. Garden & Home Builder 47:625-626. illus. S. 1928. no.7.
Some native wildings that are honored in our gardens.

Gard. Chron. (London)
Anderson, A. W.
Myosotidium nobile. Gard. Chron. III, 84:88. Ag.4,1928. no.2171.

Brown, N.E.
Mesembryanthemum (cont.) Cryophytum N. E. Br. Gard. Chron. III, 84:123. illus. Ag. 18, 1928. no.2173.

Darnell, A. W.
The genus Primula (cont.) Gard. Chron. III, 84: 94, 110-111, 129. Ag.4,11,18,1928. no.2171-73.

Elliott, C.
Campanula speciosa (Pourr.) Gard. Chron. III, 84:127. illus. Ag. 18, 1928. no.2173.

Hill, A. W.
Gardens in Australia. Gard. Chron. III, 84: 90-91. illus. Ag. 4,1928. no.2171.

Gard. Chron. (cont.)

Savage, S.
The Hortus floridus in facsimile. Card. Chron. III, 84: 131-132. port. Ag.18,1928. no.2173.

W., P. W.
Multi-peduncle sweet peas. Gard. Chron. III, 84:109. illus. Ag.11,1928. no.2172.

Ward, F. K.
Mr. F. Kingdon Ward's tenth expedition in Asia. V. Orchid hunting in the Naga hills. Gard. Chron. III, 84:87-88. illus. Ag. 4,1928. no.2171.

Gartenw. (Berlin)

Bauer, G.
Die keimungsbedingungen der orchidaensamen. Gartenw. 32:421-422. illus. Ag. 3,1928. no.31.

Heil & Gewürz-Pflanzen (Munich)

Braun, K.
Gewürze und aromatika der völker des früheren Deutsch-Ostafrika. Heil u. Gewürz-Pflanzen. 11:55-86, Jl.1928. no.2.

Dunzinger, G.
Zum gedenken an Karl Giesenhagen. Heil u. Gewürz-Pflanzen. 11:49-55. port. Jl. 1928. no.2.

Hoppe-Seyl. Zeitschr. Phys. Chem. (Berlin)

Vahlteich, H. W.
Ueber die einwirkung des pepsins von pflanzen- und fleischfressern auf pflanzliche und tierische eiweisskörper. Hoppe-Seyl. Zeitschr. Phys. Chem. 176: 222-230. Je. 1928. no.3/5.

House and Gard. (Greenwich, Conn.)

Wilson, E. H.
Robinias - a neglected group of plants. House and Gard. 54(3): 106-107, 186, 188. illus. S. 1928.

Jahrb. Wiss. Bot. (Leipzig)

Gradmann, H.
Untersuchungen über die wasserverhaltnisse des bodens als grundlage des pflanzenwachstums I- Jahrb. Wiss. Bot. 69:1-100. Jl. 1928. no.1.

Jahrb. Wiss. Bot. (cont.)

Mevius, W.
Weitere beiträge zum problem des wurzelwachstums. Jahrb. Wiss. Bot. 69:119-190. Jl. 1928. no.1.

Niklewski, B. Krause, A. and Lemańczyk, K.
Zur kenntnis der aufnahmemechanik der mineralbestandteile durch die wurzeln der pflanze. Jahrb. Wiss. Bot. 69:101-118. Jl. 1928. no.1.

Journ. Agr. Prat. (Paris)

Rabaté, E.
Observations sur l'épi de blé. Journ. Agr. Prat. n.s., 50:113-116. illus. Ag. 11, 1928. no.32.

Journ. Agr. Res.

Åslander, A.
Experiments on the eradication of Canada thistle, Cirsium arvense, with chlorates and other herbicides. Journ. Agr. Res. 36:915-934. illus. Je.1,1928. no.11. (Ag.29)

Mackie, W. W.
Inheritance of resistance to rusty blotch in barley. Journ. Agr. Res. 36:965-975. illus. Je.1, 1928(Rec'd Ag.29) no.11.
Helminthosporium californicum.

Weston, W.H. & Weber, G. F.
Downy mildew (Sclerospora graminicola) on everglade millet in Florida. Journ. Agr. Res. 36: 935-963. illus., pl. 1-2. Je. 1, 1928. (Rec'd Ag.29) no.11.

Journ. Agr. Sci. (London)

Bryan, H.
Wart disease infection tests. Journ. Agr. Sci. 18:507-514. pl. x-xi. Jl. 1928. no.3.

Goodwin, W., and Martin, H.
Bordeaux mixture in combination with arsenical sprays. Journ. Agr. Sci. 18:460-477. Jl.1928. no.3.

Shutt, F. T., Hamilton, S. N., and Selwyn, H. H.
The protein content of grass, chiefly meadow foxtail (Alopecurus pratensis), as influenced by frequency of cutting. Journ. Agr. Sci. 18:411-420. Jl. 1928. no.3.

Journ. Amer. Pharm. Assoc. (Easton, Pa.)
Miller, E. R.
Cornin: a glucoside from Cornus florida L. Journ. Amer. Pharm. Assoc. 17:744-750. Aug.1928. no.8.

Stuhr, E. T.
Medicinal plants of Florida. Journ. Amer. Pharm. Assoc. 17:761-766. Ag. 1928. no.8.

Journ. Amer. Soc. Agron. (Geneva, N.Y.)
McCool, M.M., and Weldon, M.D.
The effect of soil type and fertilization on the composition of the expressed sap of plants. Journ. Amer. Soc. Agron. 20:778-792. Ag.1928. no.8.

Salter, R. M., and Ames, J. W.
Plant composition as a guide to the availability of soil nutrients. Journ. Amer. Soc. Agron. 20:808-836. Ag. 1928. no.8.

Taylor, J. W.
Effect of the continuous selection of large and small wheat seed on yield, bushel weight, varietal purity, and loose smut infection. Journ. Amer. Soc. Agron. 20:856-867. Ag. 1928. no.8.

Journ. Chem. Soc. Lond.
Clemo, G. R., and Leitch, G. C.
The lupin alkaloids I- Journ. Chem. Soc. London. 1928:1811-1820. Jl. 1928.

Journ. Dept. Agr. So. Australia. (Adelaide)
Pritchard, E. W.
Hoary cress, a very troublesome weed. Journ. Dept. Agr. So. Austral. 31:1136-1137. illus. Jl. 1928. no.12.
Lepidium draba.

Journ. Econ. Entom. (Geneva, N.Y.)
Howard, L. O.
J. Ritzema Bos. Journ. Econ. Entom. 21:636-637. Ag. 1928. no.4.

Journ. Fac. Sci. Imp. Univ. Tokyo Sect. III, Bot.
Yasui, K.
Studies on the structure of lignite, brown coal and bituminous coal in Japan. Journ. Fac. Sci. Imp. Univ. Tokyo. Sect. III, Bot. 1: 381-468. pl. ix-xxiv. Mr. 1928 (Rec'd Ag.)

Journ. Pomol. & Hort. Sci. (London)

Amos, J. & Hatton, R. G.
"Reversion" in black currants. II. Its incidence and spread in the field in relation to possible control measures. Journ. Pomol. & Hort. Sci. 6:282-295. pl. F. 1928. no.4.

Swarbrick, T.
Studies in the physiology of fruit trees II. The effects of ringing, double ringing and dis-budding upon the starch content and cambial activity of two-year-old apple shoots. Journ. Pomol. & Hort. Sci. 6:296-312. F.1928. no.4.

Wallace, T.
Leaf scorch on fruit trees. Journ. Pomol. & Hort. Sci. 6:243-281. pl. i-iii. F.1928. no.4.

Woodman, R. M.
A survey of some emulsion problems confronting the sprayer. Journ. Pomol. & Hort. Sci. 6:313-318. F.1928. no.4.

Journ. Roy. Hort. Soc. (London)

Cecil, Hon. A. M.
Plants in our gardens and how they came there. Journ. Roy. Hort. Soc. 53:299-307. Jl. 1928. no.2.

Fraser, J.
Willows suitable for gardens. Journ. Roy. Hort. Soc. 53:276-280. Jl. 1928. no.2.

Gardiner, D.
The Tradescants and their times c. 1600-1662. I-II. Journ. Roy. Hort. Soc. 53:308-317. Jl.1928. no.2.

Hales, W.
Horticulture in the Tropics. Journ. Roy. Hort. Soc. 53:235-254. Jl.1928. no.2.

Harley, A.
Meconopses and gentians at Devenhall, Perthshire. Journ. Roy. Hort. Soc. 53:220-234. plates. Jl.1928. no.2.

Journ. Roy. Hort. Soc. (cont.)

Maxwell, D. F.
Hardy heaths. Journ. Roy. Hort. Soc. 53:255-263. Jl. 1928. no.2.
Erica sp.

Millais, J. G.
Magnolias. Journ. Roy. Hort. Soc. 53:318-324. Jl. 1928. no.2.

Millard, F. W.
Some rock-garden plants at "Camla", Felbridge. Journ. Roy. Hort. Soc. 53:264-268. plates. Jl.1928. no.2.

Praeger, R. L.
Hunting Sempervivums. Journ. Roy. Hort. Soc. 53:281-290. Jl. 1928. no.2.

Kosmos (Stuttgart)

Bronsart, H. von.
Erbliche symbiose zwischen blattpflanzen und bakterien. Kosmos. 25:285-286. illus. Ag.1928. no.8.

Kranke Pflanze (Dresden)

Dachselt, E.
Die blattfallkrankheit der plantanen. Kranke Pflanze. 5:124-125. illus. Ag.1928.
Gnomonia veneta.

Kaven, G.
Pflanzenschutzliches im obstbau. Kranke Pflanze 5:128-131. Ag.1928. no.8.

Landw. Jahrb. (Berlin)

Gries,
Das gesetz vom minimum in seiner anwendung auf das zusammenwirken der pflanzlichen wachstumsbedingungen. Landw. Jahrb. 68: 41-55. 1928. no.1.

Lieber, R.
Morphologische und pflanzenzüchterische betrachtungen über die luzerne. Landw. Jahrb. 68:117-141. 1928. no.1.

Landw. Jahrb. (cont.)

Steinberg, J.

Beitrag zur kultur der korbweide. Landw. Jahrb. 68:57-74. illus. 1928. no.1.

Lesnická Práce

Freudl, A.

Příspěvek k řešeni otázky pomalého usychaňi jedlí v lesích jihočéských. Dreyfusia nüsslini a piceae první a pravou příčinou usychání? Pour résoudre la question du desséchement lent des sapins dans les forêts de la Bohême du Sud. Dreyfusia nüsslini et piceae la première et la véritable cause du desséchement? Lesnická Práce. 7:384-392. illus. 1928. no.7/8.

Ružička, J.

Poznatky o sypavce sosnová, získané do června 1928. Erfahrungen mit der schüttekrankheit der kiefer. Lesnická Práce. 87:392-425. 1928. no.7/8.

German résumé: p. 424-425.

Malayan Tin & Rubber Journ. (Ipak, Perak, Fed. Malay St.)

Leaf disease in rubber. Control of Oidium attack. Malayan Tin & Rubber Journ. 17: 798-799. Jl.15,1928. no.13.

Discussion of control by artificial manures forked into soil.

Matieres Grass. (Paris)

Pieraerts, J., Ipatieff, N. & Simar, E.

Contribution à l'étude chimique des malvales II. Une bombacacée intéressante: Le Pachira aquatica Aubl. Sa signification à titre d'oléagineux. (cont.) Matières Grass. 20:8252-8254. Ag.15,1928. no.244.

Möller's Deut. Gärtn. Zeit.

Frić. A. V.

Der pflanzenjäger Ser. II. I. Die wüste in grün, rot und gelb. Argentinien, St. Jago del Estero. Möllers Deut. Gärtn.-Zeit. 43:265-266. illus. Ag. 11, 1928. no.23.

Mycologia.

Bonar, L.

Studies on some California fungi. Mycologia 20:292-300. illus. S./O. 1928. no.5.

Leucostoma sequoiae, Phyllosticta sparsa, P. lupini, sp. nov.

Studies in the genus Harknessia (p. 297-300) Disaeta gen. nov. D. arbuti.

Mycologia. (cont.)

Boyce, J.S.
Lophodermium abietis on Pseudotsuga taxifolia. Mycologia. 20: 301-302. S./O. 1928. no.5.
Highly doubtful if Lophodermium abietis attacks Douglas fir, past records being based on an error in host determination.

Rosen, H.R.
Variations within a bacterial species I- Mycologia. 20: 251-275. pl. 29-33. S./O.1928. no.5.
I. Morphologic variations.

Snell, W.H., Hutchinson, W.G. & Newton, K.H.N.
Temperature and moisture relations of Fomes roseus and Trametes subrosea. Mycologia. 20: 276-291. pl. 34. S./O. 1928. no.5.

Nature (London)

Baly, E.C.C.
Photosynthesis. Nature. 122: 207-210. Ag.11, 1928. no.3067.

Chaney, R.W.
The fossil redwoods of the Manchurian coal deposits. Nature. 122: 257-258. Ag.18, 1928. no.3068.

Molisch, H.
The movement of sap in plants. Nature. 122: 168-169. Ag.4, 1928. no.3066.

New Phytol. (London)

Mason, E.
Note on the presence of mycorrhiza in the roots of salt marsh plants. New Phytol. 27: 193-195. illus. Ag.1928. no.3.

Saunders, E.R.
Illustrations of carpel polymorphism II. New Phytol. 27: 175-192. illus. Ag.1928. no.3.

Scott, L.I. & Priestley, J.H.
The root as an absorbing organ. I-II. New Phytol. 27: 125-140, 141-174. illus., pl. ii-iii. Ag.1928. no.3.
J.H. Priestley joint author I.
I. A reconsideration of the entry of water and salts in the absorbing region.
II. The delimination of the absorbing zone.

New Zeal. Journ. Agr. (Wellington)

Tennent, R.B.

Copper carbonate dust treatment for seed wheat. Otago farmers' experience. New Zeal. Journ. Agr. 37: 35-36. Jl.1928. no.1.

Northwestern Miller.

Richardson, J.L.

The work of barberry eradication. Northwest. Miller. 155: 630-631. illus. Ag.15, 1928. no.6.

Oesterr. Bot. Zeitschr. (Wien)

Gyelnik, V.

Peltigerae novae et criticae. Oesterr. Bot. Zeitschr. 77: 220-226. Jl.1928. no.3.

Protić, G.

Untersuchungen über den geotropismus der achsenorgane und blätter von Euphorbia lathyris. Oesterr. Bot. Zeitschr. 77: 195-219. illus. Jl.1928. no.3.

Rompel, J.

Beobachtungen über die bis zum aufblühen alpiner arten verstreichende aperzeit. Oesterr. Bot. Zeitschr. 77: 178-194. Jl.1928. no.3.

Schnarf, K.

Ueber die endospermentwicklung bei Ornithogalum. Oesterr. Bot. Zeitschr. 77: 173-177. illus. Jl. 1928. no.3.

Schussnig, B.

Phykologische beiträge. Oesterr. Bot. Zeitschr. 77: 161-172. illus. Jl.1928. no.3.

Kymatotrichum armatum, nov.gen., nov.sp., Erythrocladia divaricata, nov.spec.; Heterospora vidovichii nebst einigen bemerkungen zur systematik der tilopterideen.

Orchid Rev. (Richmond, England)

Black, J.M.

The evolution of the Miltonia hybrid. Orchid Rev. 36: 227-228. Ag.1928. no.422.

Tahourdin, C.B.

Ophrys aranifera (Huds.) Orchid Rev. 36: 230-232. Ag.1928. no.422.

Orchid Rev. (cont.)

Watling, H.
Researches into Chinese orchid history.
Orchid Rev. 36: 235-240. Ag.1928. no.422.

Pamph. Canada Dept. Agr.

McRostie, G.P., Hamilton, R.I., Dimmock, F. & Clark, S.E.
Soybeans in Canada. Pamph. Canada Dept. Agr. n.s., 93. 11 p. illus. 1928.

Parks & Recreation (Rockford, Ill.)

Bottomley, M.E.
How the ancient water lily became modern.
Parks & Recreation. 11: 404-409. illus. Jl./Ag. 1928. no.6.

Gadsby, J.H.
Plant introduction at Miami. Parks & Recreation. 11: 409-410. Jl./Ag. 1928. no.6.

Philipp. Agr. Rev. (Manila)

Clara, F.M.
Control measures for the anthracnose disease of the mango. Philipp. Agr. Rev. 21: 81. 1928. no.1.

Philipp. Journ. Sci. (Manila)

Wells, A.H., Agcaoili, F., Taguibao, H. & Valenzuela, A.
Composition of Philippine pineapples. Philipp. Journ. Sci. 36: 157-184. pl. 1-2. Je.1928. no.2.

Phytopath. (Lancaster Pa.)

Arthur, J.C.
Progress of rust studies. Phytopath. 18: 659-674. Ag.1928. no.8.

Boyce, J.S.
A conspectus of needle rusts on Balsam firs in North America. Phytopath. 18: 703-708. Ag. 1928. no.8.

Carter, W.
Transmission of the virus of curly-top of sugar beets through different solutions. Phytopath. 18: 675-679. Ag.1928. no.8.

Phytopath. (cont.)

Dunlap, A.A.
Effects of mosaic upon the chlorophyll content of tobacco Phytopath. 18: 697-700. Ag. 1928. no.8.

Fromme, F.D.
The effect of washing the seed on infection of wheat by stinking smut. Phytopath. 18: 711-713. Ag.1928. no.8.

Goulden, C.H., Neatby, K.W. & Welsh, J.N.
The inheritance of resistance to Puccinia graminis tritici in a cross between two varieties of Triticum vulgare. Phytopath. 18: 631-658. illus. Ag.1928. no.8.

Howard, F.L.
Disinfectants in fire blight eradication work. Phytopath. 18: 710-711. Ag.1928. no.8.

Johann, H.
Grated carrot agar favorable for studies of Pythium. Phytopath. 18: 710. Ag.1928. no.8.

Matsumoto, T.
Preliminary note on some serological studies of aspergilli. Phytopath. 18: 691-693. Ag. 1928. no.8.

Severin, H.H.P. & Swezy, O.
Filtration experiments on curly top of sugar beets. Phytopath. 18: 681-690. illus., pl.xiv. Ag. 1928. no.8.

Severin, H.H.P.
Tomato yellows or tomato curly top. Phytopath. 18: 709-710. Ag.1928. no.8.
"Tomato curly top" should be used rather than "tomato yellows" for the name of this disease.

Tehon, L.R. & Stout, G.L.
An ascomycetous leaf spot of cowpea. Phytopath. 18: 701-704. illus. Ag.1928. no.8.
Leptosphaerulina vignae, n.sp.

Phytopath. (cont.)

Weber, G.F.
Owen F. Burger, 1885-1928. Phytopath. 18: 627-630. port. Ag.1928. no.8.
Scientific publications: p.630.

Plant. Chron. (Madras, India)

Tunstall, A.C.
Vegetable parasites of the tea plant (cont.) Plant. Chron. 23: 546-547, 569-572. Jl.21,28, 1928. no.29-30.

Proc. Indiana Acad. Sci.

Allyn, W.P.
The relation of lime to the absorption of iron by plants. Proc. Indiana Acad. Sci. 37(1927): 405-409. 1928.
Results indicate that lime-induced chlorosis is not due to iron becoming locked up in soil but rather to a disturbance in the metabolism of iron in the plant.

Andrews, F.M.
Deposition of material by water plants. Proc. Indiana Acad. Sci. 37(1927): 327-329. 1928.

Andrews, F.M.
Modified Narcissus flowers. Proc. Indiana Acad. Sci. 37(1927): 326-327. 1928.

Andrews, F.M.
Monstrosities in Trillium. Proc. Indiana Acad. Sci. 37(1927): 325-326. 1928.

Andrews, F.M.
Some flowering plants of Monroe County, Indiana. Proc. Indiana Acad. Sci. 37(1927): 330-334. 1928.

Andrews, F.M.
A study of lichens. Proc. Indiana Acad. Sci. 37(1927): 329-330. 1928.
Lichens of Monroe Co., Indiana.

Behrens, O.
The ferns of Turkey Run. Proc. Indiana Acad. Sci. 37(1927): 377-379. 1928.
Turkey Run Park consists of about 900 acres in Parke County, about ten miles north of Rockville, Indiana.

Proc. Indiana Acad. Sci. (cont.)

Cain, S. A.
Hydrogen ion studies of water, peat, and soil, in relation to ecological problems at Bacon's swamp, Marion County, Indiana. Proc. Indiana Acad. Sci. 37(1927): 395-401. 1928.

Connor, S.D. & Gregory, C.T.
Excess soluble salts as the cause of vegetable diseases in greenhouses. Proc. Indiana Acad. Sci. 37(1927): 385-390. illus. 1928.
Lettuce.

Deam, C.A.
Plants new or rare in Indiana XIV. Proc. Indiana Acad. Sci. 37(1927): 321-323. 1928.

Doak, K.D.
Mycorrhiza bearing species in the vicinity of Lafayette, Indiana. Proc. Indiana Acad. Sci. 37(1928): 427-439. illus. 1928.

Gardner, M.W.
Indiana plant diseases, 1926. Proc. Indiana Acad. Sci. 37(1927): 411-426. illus. 1928.

Gregory, C.T.
Controlling tomato leaf mold in greenhouses in Indiana. Proc. Indiana Acad. Sci. 37(1927): 382-385. illus. 1928.

Gregory, C.T.
New yellows resistant varieties of cabbage in Indiana. Proc. Indiana Acad. Sci. 37(1927): 381-382. 1928.
Marion market, Allhead select & Iacopo.

Hansen, A.A.
Recent Indiana weeds, 1927. Proc. Indiana Acad. Sci. 37(1927): 319-320. 1928.

Hoskins, J.H.
Structure of some carboniferous plants from Illinois. Proc. Indiana Acad. Sci. 37(1927): 373-376. 1928.

Proc. Indiana Acad. Sci. (cont.)

Lyon, M.W.
The bog clearweed, Adicea fontana Lunell, in Indiana. Proc. Indiana Acad. Sci. 37(1927): 403-404. illus. 1928.

Mains, E.B.
Observations concerning clover diseases Proc. Indiana Acad. Sci. 37(1927): 355-364. illus. 1928.

Mains, E.B.
Plant diseases in a home garden. Proc. Indiana Acad. Sci. 37(1927): 341-353. illus. 1928.

Nieuwland, J.A. & Slavin, A.
Notes on the technique of plant mounting. Proc. Indiana Acad. Sci. 37(1927): 317-318. 1928.

Porter, C.L.
Ecological relationships of fungi in cultures. Proc. Indiana Acad.Sci. 37(1927): 391-393. 1928.

Reed, F.D.
Holdfast cells in Spirogyra. Proc. Indiana Acad. Sci. 37(1927): 339-340. illus. 1928.

Van Hook, J.M.
Indiana fungi X. Proc.Indiana Acad. Sci. 37(1927): 365-371. 1928.

Yuncker, T.G.
Observations on the teratology of the genus Cuscuta. Proc. Indiana Acad. Sci. 37(1927): 335-338. illus. 1928.

Proc. K. Akad. Wetensch.Amsterdam.

Oostingh, C.H. & Florschutz, F.
A contribution to the knowledge of the fossil fauna and flora of Neede. Proc. K.Akad. Wetensch. Amsterdam. 31: 285-288. pl. i-ii. 1928.

Proc. Wash. State Hort. Assoc.

Heald, F.D.
Blue mold in relation to fruit cleaning methods. Proc. Washington State Hort. Assoc. 23: 143-148. [1928]
On apples.

Overly, F.L. & Neller, J.R.
Experience in spray residue removal. Proc. Washington State Hort. Assoc. 23:126-130. [1928-

Protoplasma. (Leipzig)

Calébek, J.
The swelling of biocolloids I- Protoplasma. 3: 17-42. 1928.
I. Ultraviolet rays and swelling of agar-agar.

Collander, R.
Einige permeabilitätsversuche mit gelatinemembranen. Protoplasma. 3: 213-222. 1928.

Frey, A.
Das reich des ultramikroskopischen in der biologie. Protoplasma. 34: 139-154. illus. My.1928. no.1.

Gelfan, S.
The electrical conductivity of protoplasm. Protoplasma. 4: 192-200. Je.1928. no.2.

Genevois, L.
Coloration vitale et respiration. Protoplasma. 4: 67-87. illus. My.1928. no.1.

Gicklhorn, J. & Umrath,K.
Messung elektrischer potentiale pflanzlicher gewebe und einzelner zellen. Protoplasma. 4: 228-258. illus. Je.1928. no.2.

Hammett, F.S.
Studies in the biology of metals I-II. Protoplasma. 4: 183-186, 187-191. illus., pl.iv. Je.1928. no.2.
I. The localization of lead by growing roots.
II.The retardative influence of lead on root growth.

Protoplasma (cont.)

Höfler, K.
Hugo de Vries zu seinem 80. geburtstage.
Protoplasma. 3: 605-610. 1928.

Iljin, W.S.
Die durchlässigkeit des protoplasma, ihre quantitative bestimmung und ihre beeinflussung durch salze und durch die wasserstoffionenkonzentration.
Protoplasma. 3: 553-602. 1928.

Ingold, C.T. & Small, J.
The hydrion concentration of plant tissues IX. Improved technique for the H.I.M. Protoplasma. 3: 458-468. 1928.

Joyet-Lavergne, Ph.
La sexualisation cytoplasmique et les caractères physico-chimique de la sexualité. Protoplasma. 3: 357-390. illus. 1928.

Kissen, J.
Die verwendung der zentrivugen-infiltrations-methode zur lösung mikrotechnischer fragen. Protoplasma. 3: 507-523. 1928.

Küster, E.
Ueber die gewinnung nackter protoplasten.
Protoplasma. 3: 223-238. 1928.

Kuwada, Y. & Sugimoto, T.
On the staining reactions of chromosomes.
Protoplasma. 3: 521-525. 1928.

Lloyd, F.E.
Further observations on the behavior of gametes during maturation and conjugation in Spirogyra.
Protoplasma. 4: 45-63. pl.i. My.1928. no.1.

Martin, S. H.
The hydrion concentration of plant tissues VII. The buffers of sunflower stem and root. VIII. The buffers of bean stem and root. Protoplasma. 3: 273-281, 282-301. 1928.

Missbach, G.
Versuche zur prüfung der plasmaviskosität.
Protoplasma. 3: 327-344. 1928.

Protoplasma. (cont.)

Molisch, H.
Ueber einemneuen fall eines anthocyanophors in der fruchtoberhaut von Gunnera chilensis. Protoplasma. 3: 312-316. illus. 1928.

Schaede, R.
Vergleichende untersuchungen über cytoplasma, kern und kernteilung im lebenden und im fixierten zustand. Protoplasma. 3: 145-190. 1928.

Seifriz, W.
New material for microdissection. Protoplasma. 3: 191-196. illus. 1928.

Taylor, C.V. & Whitaker, D.M.
Potentiometric determinations in the protoplasm and cell-sap of Nitella. Protoplasma. 3: 1-6. pl. i. 1928.

Timmel, H.
Zentrifugenversuche über die wirkung chemischen agentien insbesondere des kaliums auf die viskosität des protoplasmas. Protoplasma. 3: 197-212. 1928.

Uehla, V.
Die regulation der wasserstoff-ionen-konzentration durch sukkulenten-gewebe. Ein beitrag zur frage des isoelektrischen punktes der pflanzenzelle. Protoplasma. 3: 469-506. 1928.
Experiments with Opuntia phaeacantha.

Quart. Journ. Indian Tea Assoc. (Calcutta)

Tunstall, A. C.
Cold weather spraying. Quart. Journ. Indian Tea Assoc. 1928: 99-105. no.2.

Repert.Spec.Nov. Fedde. (Berlin)

Aellen, P.
Die Chenopodium-arten des südlichen und mittleren Afrika. Repert. Spec. Nov. Fedde. 24: 337-347. Jl.1928. no.22/25.
Chenopodium phillipsianum, C.fasciculosum, n.sp.

Becker, W.
Ein beitrag zur violenflora Argentiniens und Chiles. Repert. Spec.Nov.Fedde 24: 363-366. Jl.1928. no.22/25.

Repert. Spec. Nov. Fedde. (cont.)

Bornmüller, J.
Neue orientalische arten und varietäten der gattung Centaurea. Repert. Spec. Nov. Fedde. (Repert. Europ. et Med. v.2, no.11/12) 24:369-377. Jl. 1928. no.22/25.
Centaurea elegantissima, C.ascalonica, C. kermanensis, C. balsamitella, n.sp.

Dinter, K.
Index der aus Deutsch-Südwestafrika bis zum jahre 1917 bekannt gewordenen pflanzenarten XXIv. Repert. Spec. Nov. Fedde. 24: 366-368. Jl.1928. no.22/25.

Görz, R.
Salicum formae novae II. Repert. Spec.Nov. Fedde (Repert. Europ. et Med. v.2, no.11/12) 24: 386-392. Jl.1928. no.22/25.

Kränzlin, F.
Maxillaria striatella Kraenzl. nov.sp. Repert. Spec.Nov. Fedde. 24: 359. Jl.1928. no.22/25.

Kränzlin, F.
Restrepia caespitifica aus Colombien Repert. Spec.Nov.Fedde. 24: 358-359. Jl. 1928. no.22/25.

Prof. Dr. August von Hayek. Repert. Spec.Nov. Fedde. 24: 400. 1928.
Notice of death.

Prof. Dr. A. Thellung. Repert. Spec.Nov. Fedde. 24: 400. 1928.
Notice of death.

Trelease, W.
Piperaceae hispaniolenses II. Repert. Spec. Nov.Fedde. 24: 360-363. Jl.1928. no.22/25.

Wahn, C.H.
Hieracia orientalia nova vel minus cognita. Repert. Spec. Nov. Fedde. (Repert. Europ. et Med. v.2, no.11/12) 24: 378-385. Jl.1928. no.22/25.

Zschacke, H.
Neue kernfrüchtige flechten. Repert. Spec. Nov. Fedde. 24: 348-358. Jl.1928. no.22/25.
Verrucaria sp.

Res. Bull. Imp. Hort. Exp. Stat. Okitsu, Japan.

Matsuoka, N.

Some chemical changes occurring during the ripening of fruits of Japanese persimmon, Japanese pear, Chinese pear, peach, grape and citrus. Research Bull. Imp. Hort. Exp. Stat. Okitsu, Japan. No.10. 26 p. My.1928.(Rec'd Ag.)

Japanese with English summary.

Rep. Iowa State Hort. Soc.

King, C.M., Gore, U.S. & Miller, H.A.

Blooming time of Iowa plants. Rep. Iowa State Hort. Soc. 62: 152-161. [1928]

Muncie, J.H.

Crown gall and callus knots on nursery apple trees. Rep. Iowa State Hort. Soc. 62: 23-26. 2 pl. [1928]

Ness, H.

Latest information on nursery inspection as carried on by Iowa and other states. Rep. Iowa State Hort. Soc. 62: 199-205. [1928]

Discussion of virus diseases.

Rev. Bryol. (Caen)

Allorge, P.

Notes sur la flore bryologique de la Péninsule Ibérique I- Rev. Bryol. n.s., 1: 53-58. Mr. 1928. (Rec'd Ag.) no.1.

I. Muscinées récoltées par M. Roger Heim dans la Chaine Cantabrique.

Biers, P.M.

Deux bryologues inattendus: la correspondance de Jean-Jacques Rousseau avec Lamoignon de Malesherbes. Rev. Bryol. n.s., 1: 49-52. Mr.1928 (Rec'd Ag.) no.1.

Dismier, G.

les muscinées du Vivarais. Rev. Bryol. n.s., 1: 13-25. Mr.1928. (Rec'd Ag.) no. 1.

Dixon, H.N.

Splachnobryum pacificum Dixon sp.nov. Rev. Bryol. n.s., 1: 12. Mr.1928 (Rec'dAg.) no.1.

Rev. Bryol. (cont.)

Louin, C.
La disposition des feuilles et des ramifications chez les sphaignes. Rev. Bryol. n.s., 1: 26-35. pl. i. Mr.1928 (Rec'd Ag.) no.1.

Henry, R.
Mousses d'Extrême-Orient. Rev. Bryol. n.s., 1: 41-48. Mr.1928 (Rec'd Ag.) no.1.

Naveau, R.
Mousses critiques. Rev. Bryol. n.s., 1: 38-40. Mr.1928 (Rec'd Ag.) no. 1.

Potier de la Varde, R.
Fructification de Pterobryella vagapensis C.M. Rev. Bryol. n.s., 1: 36-37. illus. Mr.1928 (Rec'd Ag.) no.1.

Theriot, I.
Sur le Pterigynandrum filiforme (Timm) Hedw. et ses variations. Rev. Bryol. n.s., 1: 1-11. Mr. 1928 (Rec'd Ag.) no. 1.

Rev. Gén. Sci. (Paris)

Rolet, A.
La genèse et la variation des couleurs chez les fleurs. Rev. Gén. Sci. 39: 431-436. Jl.31, 1928. no.14.

Rev. Hist. Nat. Appl. pt.I. (Paris)

Delacour, J.
Notes sur quelques parcs nationaux de l'Amérique du Nord (concl.) Rev. Hist. Nat. Appl. Pt.I. 9: 202-206. pl. Jl.1928. no.7.

Rev. Hort. (Paris)

Laplace, F.
Les Haemanthus. Rev. Hort. 100: 198-200. illus. Ag.16,1928. no.8.

Rev. Industr. y Agr. Tucumán. (Buenos Aires)

Fawcett, G.L.
Apuntes sobre el mosaico de la caña de azúcar. Rev. Industr. & Agr. Tucuman. 18: 205-209. Ap./My. 1928. no.11/12.

Rev. Zool. et Bot. Afr.

Robyns, W.
A propos des Xylia Africains. Rev. Zool. et Bot.Afr. 16: 83-88. Jl.1928. no.1.

Venderyst, H.pere.
La culture du Chlorophora excelsa ou kamba. Rev. Zool. et Bot. Afr. 16: 89-103. Jl.1928. no.1.

Rhodora. (Boston)

Edmondson, T.W.
Solidago calcicola in Matane Co., Quebec. Rhodora. 30: 157. Ag.1928. no.356.

Fernald, M.L.
Eragrostis peregrina versus E. damiensiana. Rhodora. 30: 153-157. Ag.1928. no.356.
Eragrostis damiensiana cannot rightfully displace E. peregrina.

Fernald, M.L.
The genus Oxytropis in northeastern America. Rhodora. 30: 137-153. pl. 171-175. Ag.1928. no.356.

Kidder, N.T.
Chenopodium carinatum and other unusual weeds. Rhodora. 30: 158. Ag.1928. no.356.

Sbornik Ceskoslov. Akad. Zeměd. (Praha)

Klečka, A.
Agrobotanické studie p rokytských rašelinách. Etude agrobotanique portant sur les tourbières de Rokyta. Sbornik Ceskoslov. Akad. Zeměd. 3: 195-264. illus. 1928. no.2.
French résumé: p.261-264.
Plateau of Kvilda.

Procházka, J.Sv.
O tisu, zvláště vzhledem k zemím československým. L'if surtout dans les régions de la Tchécoslovaquie. Sbornik Ceskoslov. Akad. Zeměd. 3: 295-383. illus. 1928. no.2.
French résumé: p.378-383.

V.10, no.18, p.28.

Sbornik Ceskoslov. Akad. Zeměd. (cont.)

Vukolov, V.A.

Srovnávací anatomie kořenů československých druhů lipnic se zřetelem na její závislost of podminek stanovištních. Studies of comparative root anatomy of Poa sp. grown in Czechoslowakia in relation to the environment. Sbornik Ceskoslov. Akad. Zeměd. 3: 265-287. illus., pl. vii-viii. 1928. no.2.

Summaries in Russian, English and French: p.277-287.

Science. (Lancaster, Pa.)

Cooper, W.C.jr. & Blinks, L.R.

The cell sap of Valonia and Halicystis. Science. 68: 164-165. Ag.17,1928. no.1755.

Fernald, M.L.

Unverified geographic ranges. Science. 68: 145-149. Ag.17, 1928. no.1755.

Mistakes made by botanists in citing geographic names or in indicating geographic range, in particular, for the latter, "Die pflanzenareale".

Stadler, L.J.

Mutations in barley induced by x-rays and radium. Science. 68: 186-187. Ag.24, 1928. no.1756.

Scient. Month.

Searles, P.J.

The most valuable tree in the world. Scient. Month. 27: 271-280. illus. S.1928. no.3.

Coco palm.

Trans. Indiana Hort. Soc.

Gardner, M.W.

Apple diseases,1927. Trans. Indiana Hort. Soc. 67: 27-30. 1928.

Gardner, M.W. & Kendrick, J.B.

Potato mosaic and leaf roll: spread and effect on yield. Trans. Indiana Hort. Soc. 67: 158-168. 1928.

Trans. Indiana Hort. Soc. (cont.)
McCown, M.
Spraying for the control of fire blight in the apple. Trans. Indiana Hort. Soc. 67: 129-133. 1928.

Trop. Agr. (Ceylon)(Peradeniya)
Park, M.
Investigation of root diseases of coconuts. Trop. Agr. Ceylon. 70: 402-408. Je.1928. no.6.

Trudy Prikl. Bot. Gen. i Selk. (Bull.Appl.Bot. Gen. & Plant. Breed. (Leningrad)
Doroshenko, A.B.
...Physiology of pollen. Trudy Prikl. Bot., Gen. i Selk. (Bull. Appl. Bot., Gen. & Plant Breed. (Leningrad) 18(5): 217-344. 1928.
Russian.

Ergol'skaja, Z.V. & Ishkov, S.A.
...On new fiber plants. Trudy Prikl. Bot., Gen. i Selk. (Bull.Appl. Bot., Gen. & Plant Breed.) (Leningrad) 18(5): 123-215. illus. 1928.
Russian.

Ivanov, L.
...Solar radiation as a ecological factor. Trudy Prikl. Bot., Gen. i Sel. (Bull. Appl. Bot., Gen. & Plant Breed. (Leningrad) 18(5): 345-368. 1928.
Russian.

Pashkevich, V. & Sigov, A.
...The wild forms of apple trees of Chimghan in Usbekistan, Central Asia. Trudy Prikl. Bot., Gen. i Sel. (Bull. Appl Bot., Gen. & Plant Breed.) (Leningrad) 18(4):127-184. illus. 1928.
Russian with English summary.

Roshevitz, R.
...A bread plant of Abyssinia, Eragrostis teff (Zucc.) Trotter. Trudy Prikl. Bot., Gen. i Sel. (Bull. Appl.Bot., Gen. & Plant Breed.) (Leningrad.) 18(5): 389-403. illus. 1928.
Russian.

Trudy Prikl. Bot. Gen. i Selk. (Bull. Appl.Bot. Gen. & Plant Breed.) (cont.)

Sinskaja, E. & Shchenkov, M.
...On the polymorphism of some Vaccinium species. Trudy Prikl. Bot., Gen. i Sel.(Bull. Appl. Bot., Gen. & Plant Breed.) (Leningrad) 18(4): 185-222. illus. 1928.
Russian with English summary.

Sosnovsky, D.I. & Mirimanova, L.S.
...Materials for studying the structure of the grape-vine flower. Trudy Prikl. Bot.,Gen. i Sel. (Bull. Appl. Bot.,Gen. & Plant Breed. (Leningrad) 18(4): 91-118. illus. 1928.
Russian with English summary.

U.S. Dept. Agr. Off. Rec.

Plant hunters' plane awes Papuan natives. Brandes sugar-cane expedition collects varieties in wilds which may be valuable in United States. U.S.Dept. Agr. Off. Rec. 7(35): 1, 3. Ag.15,1928.

Zapiski Belarusk. Dziarzh. Akad. Sel'sk. Gaspad. (Ann. Weissruth. Staatl. Akad. Landw. Gorky)

Nesterchuk, G.I.
Verzeichnis der pilze, die in der waldbaumschule. n.2. B.Ts.L.Op. der versuchsstation and der Weissruss. staatl. landwirtschaftl. akademie im jahre 1926. Zapiski Belarusk. Dziarzh. Akad. Sel'sk. Gaspad. (Ann. Weissruth. Staatl. Akad. Landw. Gorky) 5: 132-138. 1927.
White Russian with German summary.

Zeitschr. Sukkulentk. (Berlin)

Berger, A.
Joseph Nelson Rose. Zeitschr.Sukkulentk. 3: 281-283. port. Jl.1928. no.13.

Bödeker, F.
Mamillaria esseriana Böd. spec.nov. Zeitschr. Sukkulentk. 3: 289-293. illus. Jl.1928. no.13.

Zeitschr. Sukkulentk. (cont.)

Maass, C.A.
Argyroderma delaetii var. purpureum, Maass. Zeitschr. Sukkulentk. 3: 294-295. illus. Jl.1928. no.13.

Rost, E.C.
Echinocactus parryi Englm. Zeitschr. Sukkulentk. 3: 283-287. illus. Jl.1928. no.13.

Schwantes, G.
Neue mesembriaceen III. Zeitschr. Sukkulentk. 3: 299-302. Jl.1928. no.13.
New species of Ruschia; Hereroa herrei, sp.n.

Zhurn. Russk. Bot. Obshch. (Journ. Soc. Bot. Russia)

Aksentiev, B.N.
...Ueber die wirkung von samenauszügen auf des keimen von samen. Zhurn. Russk. Bot. Obshch. (Journ. Soc. Bot. Russie) 12: 291-306. 1928. no.3.
Russian with German summary.

Aleksandrov, O.G.
...Sur l'architecture du xyleme de l'hypocotyle et des racines du tournesol. Zhurn. Russk. Bot. Obshch. (Journ. Soc. Bot. Russie) 12: 275-290. illus. 1928. no.3.
Russian with French summary.

Aleksandrov, V.G. & Djaparidze, L.I.
...Matériaux pour la connaissance des phénomènes de délignification et de lignification d'une membrane cellulaire. Zhurn. Russk. Bot. Obshch. (Journ. Soc. Bot. Russie). 12: 307-322. illus. 1928. no.3.
Russian with French résumé.

Korchagin, A.A.
...Zur bryoflora des gouvernements Wologda. Sphagnaceae). Zhurn. Russk. Bot. Obshch. (Zhurn. Soc. Bot. Russie) 12: 388-416. 1928.
Russian with German summary.

Krechetovich, V.I.
....[Systematic and geographical aspects of the rush group campestris DC] Zhurn. Russk. Bot. Obshch. (Journ. Soc. Bot. Russie) 12: 487-491. 1928.
Russian.
Luzula.

Zhurn. Russk. Bot. Obshch. (journ. Soc. Bot. Russie) (cont.)

Perfiliev, I.

...Nouvelles données sur Gagea borealis Perf. (sp.n.) et G. granulosa Turcz. (var.nova) septentrionalis Perf) Zhurn. Russk. Bot. Obshch. (Journ. Soc. Bot. Russia) 12: 245-248. illus. 1928. no.3.

Russian with Latin diagnosis.

Timofeev, A.S.

...Beitrag zur kenntnis der kernholzbildung. Zhurn. Russie Bot. Obshch.(Journ. Soc.Bot. Russie) 12: 323-340. illus. 1928. no.3.

Russian with German summary.

Pistacia mutica.

Exper. Stat. Publ.

Lantz, H.L.

Apple breeding: a study of Jonathan crosses. Iowa Agr. Exp. Stat. Res.Bull. 116. p.123-160. illus. Je.1928.

Plagge, H.H. & Maney, T.J.

Soggy breakdown of apples and its control by storage temperature. Iowa Agr. Exp. Stat. Res. Bull. 115. p. 63-116. illus. Je.1928.

Bennett, C.W.

Michigan raspberry diseases. Michigan Agr. Exp. Stat. Spec.Bull. 178. 52 p. illus. Je.1928.

Bradford, F.C.

Cherry trees defoliated by leaf spot. Future fruit crops threatened by failure of trees to store food. Michigan Agr. Exp. Stat. Quart. Bull. 11: 7. Ag.1928. no.1.

Moore, H.C.

Further studies of potato hollow heart. Proper cultural practices lessen percentage of tubers effected. Michigan Agr. Exp. Stat. Quart. Bull. 11: 20-24. Ag.1928. no. 1.

Strong, F.C.

Fungous diseases attack trees in wet seasons. Damage done rarely causes death of shade trees. Michigan Agr. Exp. Stat. Quart. Bull. 11: 13-17. illus. Ag.1928. no. 1.

Neal, D.C.

Cotton diseases in Mississippi and their control. Mississippi Agr. Exp. Stat. Bull. 248. 30 p. illus. F.1928.

Exper.Stat. Publ. (cont.)

Shoemaker, J.S.
Cherry pollination studies. Ohio Agr. Exp. Stat. Bull.422. 34 p. illus. Jl.1928.

State Publications.

Brown, M.R.
Citrus plantings in Florida, July 1, 1928. Month. Bull. State Pl. Bd. Florida. 13: 17-25. Ag.1928. no.2.

Miller, H.A.
The California botanic garden. Month. Bull. Dept. Agr. Calif. 17: 396-401. illus., port. Jl. 1928.

Situated in Mandeville Canyon, stretching into the Santa Monica range of mountains on its upper end, and opening out in close proximity to the Pacific Ocean.

New Books.

Bonnier, G.
Flore complète illustrée in couleurs de France... Suisse et Belgique... tome dixième par R. Douin. fasc.95. pl.565-570. [1928]

Druce, G.C.
The flora of Oxfordshire. 2d ed. (rewritten) Oxford, Clarendon press,1927.

Guilliermond, A.
Clef dichotomique pour la détermination des levures. Paris, Librairie le françois, 1928.

Kallenbach, F.
Die röhrlinge (Boletaceae) Die pilze Mitteleuropas hrsg. von der Deutschen gesellschaft für pilzkunde &c. bd.1, lfg.7. Leipzig,1928.

Keller, B.
Die vegetation der salzböden in der grossen halbwüste des bundes d. S.S.R. In Karsten, G. Vegetationsbilder 18, reihe, h.8. pl.43-48. 1928.

Lower reaches of Volga.

New Books (cont.)

Niedenzu, F.
Malpighiaceae pars II. Das pflanzenreich h.93. Leipzig, Je. 1928.

Overeem, C.van & Weese, J.
Icones fungorum Malayensium... Heft xiii-xvi. Wien, Mykologisches museum in Weesp,1926.
Dermateae, Mycenaceae, Oidiaceae.

Sherrin, W.R.
An illustrated handbook of the British sphagna... London, Taylor & Francis, 1927.

Omitted from List v.10, no.10.

Bot. Gaz. (Chicago)

Link, G.K.K.
Further agglutination tests with bacterial plant pathogens. I-II. Bot. Gaz. 85: 178-197, 198-207. Ap.1928. no.2.
I. Bacterium campestre-bact. phaseoli group; Bact.medicaginis var. phaseolicola; Bact. tumefaciens. II. Soft-rot group: Bacillus aroideae and B. carotovorus.
A.DeS. Link, joint author,no.I; W.H. Taliaferro, no.II.

BOTANY
CURRENT LITERATURE

ADDITIONS TO THE BOTANICAL CATALOGUE, BUREAU OF PLANT INDUSTRY.
COMPILED FROM PUBLICATIONS RECEIVED IN THE
LIBRARY OF THE UNITED STATES DEPARTMENT OF AGRICULTURE, WASHINGTON, D. C.

★ SEP 27

Vol. 10, no. 19. Sept.4-15, 1928.

Agron. Colon. (Paris)
Guillaumin, A.
La mangrove malgache et ses produits. Agron. Colon. 17:189-202. Je.1928. no.126.

Amer. Fern Journ.
Edson, J.Z.
Ferns of Monroe and adjoining counties, New York (cont.) Amer. Fern Journ. 18: 87-93. Jl./S. 1928. no.3.

Schaffner, J.H.
Fluctuation in Equisetum. Amer. Fern Journ. 18: 69-79. Jl./S.1928. no.3.

Amer. Fruit Grow. Mag. (Chicago)
Hedrick, U. P.
Breeding new varieties of fruit. Amer. Fruit Grow. Mag. 48(9): 3, 20-21. S.1928.

Amer. Journ. Pharm. (Philadelphia)
Gordon, S.
The non-volatile constituents of Mentha aquatica Linne (concl.) Amer. Journ. Pharm. 100: 509-524. Ag. 1928. no.8.

Amer. Nat.
Shaw, F. W.
The classification of the genus Monilia. Amer. Nat. 62: 478-479. S./O. 1928. no.682.

Ann. Rep. N.Y. Conserv. Dept.
Muenscher, W.C.
Vegetation of Cayuga and Seneca Lakes. Ann. Rep. N.Y. Conserv. Dept.17, Suppl. (Biol. Surv. Oswego River system): 243-248. 1928.

Arch. de Bot. Caen. Bull. Mens.
August von Hayek. Arch.de Bot. Caen. Bull. Mens. 2: 119-120. Je. 1928.

Arch. de Bot. Caen. Bull. Mens. (cont.)

Goebel, K.
Karl Giesenhagen. Arch. de Bot. Caen. Bull. Mens. 2: 119. Je.1928. no.6.

Julio Augusto Henriques. Arch. de. Bot. Cean. Bull. Mens. 2: 120. Je.1928. no.6.

Luquet, A.
Recherches sur la structure anatomique des espèces xérophiles de la Limagne. Arch. de Bot. Caen. Bull. Mens. 2: 97-110. 4 pl. Je.1928. no.6.

Skupienski, F.X.
Joseph Thomas Rostafinski. Arch. de Bot. Caen. Bull. Mens. 2: 120. Je.1928. no.6.

Arch. Protistenk. (Jena)

Cholnoky, B.v.
Ueber die auxosporenbildung der Anomoeoneis sculpta E.Cl. Arch. Protistenk. 63: 23-57. pl. 3-6. Ag.1928. no.1/2.

Geitler, L.
Neue gattungen und arten von dinophyceen, heterokonten und chrysophyceen. Arch. Protistenk. 63: 67-83. illus., pl. 7. Ag. 1928. no.1/2.

Paxcher, A.
Eine eigenartige rhizopodiale flagellate. Arch. Protistenk. 63: 227-240. illus. Ag.1928. no.1/2.
Brehmiella chrysohydran, gen., n. spec.

Pascher, A.
Von einer neuen dinocccccale (Cystodinium phaseolus) mit zwei verschiedenen schwärmertypen. Arch. Protistenk. 63: 241-254. illus. Ag.1928. no.1/2.

Pringsheim, E.G.
Algenreinkulturen! Eine liste der stämme, welche auf wunsch abgegeben werden. Arch. Protistenk. 63: 255-258. Ag.1928. no.1/2.

Ark. Bot. (Stockholm)
Johansson, K.
Enumerantur Hieracia vulgata sueciae. Verzeichnis der bisher beschreibenen schwedischen Hieracia vulgata Fr... Ark. Bot. v.21, no.15. 98 p. Ja.1928. (Rec'd Sept.)

Malme, G.O. A.N.
Buelliae itineris regnelliani primi. Ark. Bot. v.21, no.14. 42 p. Ja.1928 (Rec'd Sept.)

Schonland, S.
The genera Rhus and Crassula in Thunberg's herbarium at Upsala. Ark. Bot. v.21, no.16. 12 p. Ja.1928 (Rec'd Sept.)

Ark. Kemi, Min. o Geol. (Stockholm)
Euler, H.v. & Grabe, E.
Beiträge zur kenntnis der mutase. Ark. Kemi, Min. o Geol. 9(50). 6 p. My.1928. (Rec'd Sept.)

Euler, H.v. & Nordenfelt, E.
Co-zymase in stark atmenden pflanzen-organen. Ark. Kemi, Min. o Geol. 9(35). 6 p. My.1928. (Rec'd Sept.)

Euler, H.v. & Steffenburg, S.
Versuche über die atmung eisen-arm gezogener bohnen (Phaseolus multiflorus) Ark. Kemi, Min. o Geol. 9(48). 6 p. My.1928.(Rec'd Sept.)

Bergcultures. (Batavia)
Gandrup, J.
Opmerkingen over wortelziekte bij Hevea. Bergcultures. 3: 33-35. illus. Jl.14, 1928. no.2.

Biochem. Zeitschr. (Berlin)
Meyer, R.
Ueber den einfluss der temperatur auf den wachstumsablauf bei pilzen. Biochem. Zeitschr. 198: 463-477. Jl.1928. no.4/6.

Biol. Rev. & Biol. Proc. Cambridge Phil. Soc.
Foster, A. S.
Salient features of the problem of bud-scale morphology. Biol. Rev. & Biol. Proc. Cambridge. Phil. Soc. 3: 123-164. Mr.1928.

Bol. Mus. Hist. Nat. Univ. Nac. Tucumán.
Zelada, F.
El fruto del quebracho blanco (Aspidosperma quebracho, Schlecht.) Datos botánicos y químicos. [Bol.] Mus. Hist. Nat. Univ. Nac. Tucumán. v.2. no.2. 9 p. iv pl. 1928.

Bull. Agr. Congo.Belge (Bruxulles)
Staner, P.
Les maladies du vanillier à Eala. Bull. Agr. Congo Belge. 19: 85-90. illùs. Mr.1928. no.4.

Bull. Cl. Sci. Acad. Roy. Belg. (Bruxulles)
Navaz, A.E.
Incrément thermique pour le mouvement d' "Oscillatoria." Bull. Cl. Sci. Acad. Roy. Belg. V, 14: 211-222. 1928. no.4.

Bull. Mens. Soc. Nat. Hort. France. (Paris)
Chevalier, C.
Lew begonias pour l'ornamentation des serres. Bull. Mens. Soc. Nat. Hort. France. V, 1: 333-358. Jl.1928.

Bull. Soc. Chim. France. (Paris)
Canals, E. & Daucan, Mlle. G.
Teneur en Ca et Mg de quelques plantes de la région méditerranéenne. Bull. Soc. Chim. France. 43: 779-784. Jl.1928. no.7.

Canning Trade. (Baltimore)
Bitting, A. W.
The artichoke. Canning Trade. 51(3): 16-20, 51(4): 16, 18. S.3,10, 1928

Compt. Rend. Soc. Phys. & Hist. Nat. Genève.
Chodat, R. & Bustinza, F.
Sur la pseudo-peroxydase, un nouveau oxydant indirect, agissant par le moyen du peroxyde d' hydrogène. Compt. Rend. Soc. Phys. Nat. Genève. 45: 103-107. Ap./Jl. 1928. no.2.

Hochreutiner, B.P.G.
Un Cyrtandropsis nouveau dans les Iles Hawaï. Compt. Rend. Soc. Phys. Hist. Nat. Genève. 45: 76-77. Ap./Jl. 1928. no.2.

Ergebnisse Biol. (Berlin)

Boresch, K.
Ueber ertragsgesetz bei pflanzen. Ergebnisse Biol. 4: 130-204. 1928.

Stern, C.
Fortschritte der chromosomentheorie der vererbung. Ergebnisse Biol. 4: 205-359. illus. 1928.

Faserforsch. (Leipzig)

Fabian, H.
Der einfluss der ernährung auf die wertbestimmenden eigenschaften von bastfaserpflanzen (flachs und nessel) unter besonderer berücksichtigung der ausbildung irher fasern I- Faserforsch. 7: 1-56. illus. Ag.1928. no.1.

Herzog, A.
Zur bewertung der verarbeiteten baumwollfaser. Faserforsch. 7: 56-62. 7 pl. Ag.1928. no.1.

Flora. (Jena)

Giesenhagen, K.
Asplenium viride Huds. forma daedalum. Ein beitrag zur entwicklungsmechanik des farnwedels. Flora. 123(n.s.23); 105-132. illus. 1928. no.2/3.

Giessler, A.
Einfluss von salzlösungen auf die starkeverarbeitung bei Drosera. Flora. 123 (n.s.23): 133-190. illus. 1928. no.2/3.

Györffy, I.
Ascidienbildung des karfiolkrautes. Flora. 123(n.S.23): 317-319. illus. 1928. no.2/3.
Brassica oleracea var. botrytis.

Janse, J.M.
Die"suchbewegungen" der pflanzen. Flora. 123(n.S.23): 219-285. illus. 1928. no.2/3.

Ergebnisse Biol. (Berlin)

Boresch, K.
Ueber ertragsgesetz bei pflanzen. Ergebnisse Biol. 4: 130-204. 1928.

Stern, C.
Fortschritte der chromosomentheorie der vererbung. Ergebnisse Biol. 4: 205-359. illus. 1928.

Faserforsch. (Leipzig)

Fabian, H.
Der einfluss der ernährung auf die wertbestimmenden eigenschaften von bastfaserpflanzen (flachs und nessel) unter besonderer berücksichtigung der ausbildung irher fasern I- Faserforsch. 7: 1-56. illus. Ag.1928. no.1.

Herzog, A.
Zur bewertung der verarbeiteten baumwollfaser. Faserforsch. 7: 56-62. 7 pl. Ag.1928. no.1.

Flora. (Jena)

Giesenhagen, K.
Asplenium viride Huds. forma daedalum. Ein beitrag zur entwicklungsmechanik des farnwedels. Flora. 123(n.s.23); 105-132. illus. 1928. no.2/3.

Giessler, A.
Einfluss von salzlösungen auf die starkeverarbeitung bei Drosera. Flora. 123 (n.s.23): 133-190. illus. 1928. no.2/3.

Györffy, I.
Ascidienbildung des karfiolkrautes. Flora. 123(n.S.23): 317-319. illus. 1928. no.2/3.
Brassica oleracea var. botrytis.

Janse, J.M.
Die"suchbewegungen" der pflanzen. Flora. 123(n.S.23): 219-285. illus. 1928. no.2/3.

Flora. (cont.)

Troll, W.
Ueber Spathicarpa sagittifolia Schott. Mit einem anhang über die stellung der spathicarpeen im system der araceen. Flora. 123(n.s. 23): 286-316. illus. 1928. no.2/3.

Zander, A.
Ueber verlauf und entstehung der milchröhren des hanfes (Cannabis sativa). Flora. 123(n.s. 23): 191-218. illus. 1928. no.2/3.

Gard. Chron. (London)

Brown, N.E.
Mesembryanthemum (cont.) Cryophytum, N.E.Br. Gard. Chron. III, 84: 153. Ag.25, 1928. no.2174.

Darnell, A. W.
The genus Primula (cont.) Gard. Chron. III, 84: 152-153, 172. Ag.25, S.1, 1928. no.2174-2175.

Turrill, W.B.
Althaea setosa, Boiss. Gard. Chron. III, 84: 167-168. illus. S.1, 1928. no.2175.

Ward, F.K.
Mr. F. Kingdon Ward's tenth expedition in Asia VI. The Assam Valley, and what lay beyond. VII. Tea: a visit to Tocklai. Gard. Chron. III, 84: 148-149, 170-171. Ag.25, S.1, 1928. no.2174-2175.

Worsley, A.
Lycoris: a garden review. Gard. Chron. III, 84: 169. illus. S.1, 1928. no.2175.

Worsley, A.
Nerine flexuosa alba. Gard. Chron. iIII, 84: 147-148. illus. Ag.25, 1928. no.2174.

Gard. Chron. Amer.

Coombes, G.
Interesting plants of the South African veldt. (cont.) Gard. Chron. Amer. 32: 249. illus. S.1928. no.9.

Gartenbauwissensch, (Berlin)

Blunck, H.
Versuch zur vergleichenden prüfung chemischer mittel gegen kohlhernie. Gartenbauwissehsch. 1: 154-176. illus. Je.1928. no.2.

Engels, O.
Die physiologische bedeutung des jods für den pflanzlichen organismus und die einwirkung desselben auf den ernteertrag beim feld- und gartenbau. Ein beitrag zum kapitel der joddüngsfrage. Gartenbauwissensch. 1: 71-80. Ap.1928. no.1.

Falck, R.
Lärchensterben und theorie der krebsbildung I- Gartenbauwissensch. 1: 53-70. Ap.1928. no.1.
L. Lärchensterben und stammkrebsbildung.

Gleisberg, W.
Der einfluss der samengrösse bei radieschen auf keim- und lebensleistung (Ein beitrag zur gemusesamenkontrolle) Gartenbauwissensch. 1: 81-92. illus. Je.1928. no.2.

Heydemann, F.
Untersuchungen über den nährstoffbedarf und den verlauf der nährstoffaufnahme bei der tomate, unter besonderer berücksichtigung des einflusses der kohlensäurebegasung. Gartenbauwissensch. 1: 100-140. illus. Jö.1928. no.2.

Kamlah, H.
Untersuchungen über die befruchtungsverhältnisse bei kirschen- und birnensorten. Gartenbauwissensch. 1: 10-45. illus. Ap.1928.

Molisch, H.
Ueber die verwertung des abnormen und krankhaften in der pflanzenkultur. Gartenbauwissensch. 1: 3-9. illus. Ap. 1928.
Die füllung der blüten - Die panaschierung - Das etiolement oder die vergeilung - Trauerbäume - Japanische zwergbäumchen - Die jungfernfrüchtigkeit oder parthenokarpie.

Prochaska, M.
Beschreibung und untersuchung einiger in Österreich und in den nachbarländern vorkommender mohnsorten. Gartenbauwissensch. 1: 286-296. illus, Ag.1928. no.3.

Gartenbauwissensch. (cont.)
Stoklasa, J.
Ueber die verwendung der radioaktivität im gartenbau. Gartenbauwissensch. 1: 141-153. illus. Je.1928. no.2.

Gartn.-Tid. (København)
Weber, A.
Bekaemp hindbaerstaengelsygen nu. Gartn.-Tid. 44: 443-444. illus. Ag.21,1928. no.34.
Didymella applanata.

Glad. Rev. Amer. Gladiolus Soc. (Rochester, N.Y.)
McLeod, F.T.
Notes on some sterilities in gladiolus flowers. Glad. Rev. Amer. Glad. Soc. 5: 303-304. illus. S.1928. no.9.

Hoppe-Seyl. Zeitschr. Phys. Chem. (Berlin)
Bernhauer, K. & Wolf, H.
Zur enzymchemie der durch Aspergillus niger bewirkten säurebildungsvorgänge II. Hoppe-Seyl. Zeitschr. Phys. Chem. 177: 270-279. Ag.1928.

Euler, H.v. & Myrbäck, K.
Co-zymase XV. Hoppe-Seyl. Zeitschr. Phys. Chem. 177: 237-247. Ag.1928. no.5/6.

Industr. & Engin. Chem. (Easton, Pa.)
DeOng, E.R.
Potassium xanthate as a soil fumigant II. Industr. & Engin. Chem. 20: 912-916. S.1928. no.9.
For control of nematodes.

Ritter, G.J.
Composition and structure of the cell wall of wood. Industr. & Engin. Chem. 20: 941-945. illus. S.1928. no. 9.

Izv. Severo-Kavhaz. Kraev. Stan. Zashch. Rast. (Bull. North Caucas. Plant Prot. Stat.)
Andreev, N.I.
... Ergebnisse der untersuchung des getreidebrandes im Nord-Kaukasischen gebiete im jahre 1927. Izv. Severo-Kavkaz. Kraev. Stan. Zasch. Rast. (Bull. North Caucas. Plant Pro. Stat.) 4: 3-16. 2 maps, 3 tab. 1928.
Russian with German summary.

Izv. Serero-Kavkaz. Kraev. Stan. Zasch. Rast. (Bull. North Caucas. Plant Prot. Stat. (cont.)

Balakhonov, P.I.

... Der getreidebrand im Selsker bezirk des Nord-Kaukasischen gebietes. Izv. Serero-Kavkaz. Kraev. Stan. Zasch. Rast. (Bull. North Caucas. Plant Prot. Stat.) 4: 17-24. tab. 1928.

Russian with German summary.

Kvashnina, E. S.

... Vorlaügife mitteilung über die erforschung der krankheiten der arzneipflanzen und der technischen kulturen im Nord-Kaukasus. Izv. Severo-Kavkaz. Kraev. Stan. Zasch. Rast. (Bull. North Caucas. Plant Prot. Stat.) 4: 39-46. pl. i. 1928.

Russian with German summary & Latin diagnosis of new species (Cercospora atropae on Atropa belladonna, C. levistici on Levisticum officinale, Colletotrichum valerianae on Valeriana officinalis)

Morozov, B.

... Der getreidebrand im Stawropoler kreis nach dem untersuchungsmaterial des jahres 1927. Izv. Severo-Kavkaz. Kraev. Stan. Zashch. Rast. (Bull. North Caucas. Plant Prot. Stat.) 4:25-29. 1928.

Russian with German summary.

Journ. Agr. Prat. (Paris)

Lesourd, F.

Histoire des sarrasins. Journ. Agr. Prat. n.s., 50: 156-158. Ag.25, 1928. no.34.

Fagopyrum sp.

Journ. Amer. Veter. Assoc.

Niemann, K.W.

Report of an outbreak of poisoning in the domesticated fowl, due to death camas. Journ. Amer. Veter. Med.Assoc. 73: 627-630. illus. S.1928. no.5.

Journ. Cancer Res.

Reinhard, M.D. & Tucker, K. L.

Experiments on the effect of x-radiation on growing seedlings. Journ. Cancer Res. 12: 26-29. Mr.1928. no.1.

Journ. Ecol. (Cambridge, Engl.)

Bright, D.M.E.
The effects of exposure upon the structure of certain heath-plants. Journ. Ecol. 16: 323-365. pl. xxxvi. Ag. 1928. no.2.

Evans, E.P.
Warburton moss: a study of certain semi-natural plant communities in north-east Cheshire. Journ. Ecol. 16: 366-398. pl. xxxvii-xxxviii. Ag.1928. no.2.

Kertland, M.P.H.
The ecology of Divis. Journ. Ecol. 16: 301-322. Ag.1928. no.2.

Peace, T.R.
Further changes in the salt marsh and sand dunes of Holme-next-the-sea. Journ. Ecol. 16: 412-417. Ag.1928. no.2.

Rayner, M.C.
Note on the ecology of mycorrhiza. Journ. Ecol. 16: 418-419. Ag.1928. no.2.

Richards, P.W.M.
Ecological notes on the bryophytes of Middlesex. Journ. Ecol. 16: 269-300. Ag.1928. no.2.

Summerhayes, V.S. & Elton, C.S.
Further contributions to the ecology of Spitsbergen. Journ. Ecol. 16: 193-268. pl.xxiv-xxxv. Ag.1928. no.2.

Journ. Gen. Physiol. (Baltimore, Md.)

Kobelt, N.
Jacques Loeb. Bibliography. Journ. Gen. Physiol. 8: lxiii-xcii. S.1928. no.1.

Osterhout, W.J.V.
Jacques Loeb. Journ. Gen. Physiol. 8: ix-lix. port. S.1928. no.1.

Kartoffel, Zeitschr. Kartoffelbau. (Berlin)

Böhme, H.
Der solaningehalt der kartoffel. Kartoffel, Zeitschr. Kartoffelbau. 8: 191-193. Ag.16, 1928. no.16.

Landtm. Tids. Landtm. (Stockholm)
Sjögren, Hartwig
Vad bör göras for att motverka rotbrand?
Landtm. Tidskr. Landtm. 11: 659. illus. Ag.18, 1928. no.33.

Malayan Tin & Rubber Journ. (Ipak, Perak, Fed.Malay St.)
Ashplant, H.
Rubber research. Very important discovery. Practicability of selection in the nursery. The problem of variability. Malayan Tin & Rubber Journ. 17: 845-849. Jl.31,1928. no.14.

Medd. Centralanst. Försöksv. Jordbruksomr. Avd. Landtbrukshot.
Odén, S.
Om jordens surhetsgrad, buffertverkan och kalkbehov. Medd. Centralanst. Försöksv. Jordbruksomr. 318. 88 p. illus. 1927.
English summary: p. 81-84.
Avd. Lantbrukskemi. 37.

Mem. Dept. Agr. India. Bot.Ser.
Howard, Mrs. G.L.C. & Khan, K.S. Abdur Rahman.
The Indian types of Lathyrus sativus L. (khesari, lakh, lang, teora). Mem. Bot. Ser. Dept. Agr. India. 15: 51-77. iiipl. F.1928 (Rec'd Ag.) no.2.

Thadani, K.I. & Dutt, H.V. Durga.
Studies on rice in Sind... Mem. Bot. Ser. Dept. Agr. India. 15: 113-159. iii pl. Mr. 1928. (Rec'd Ag.) no.6.

Wagle, P.V.
Studies in the shedding of mango flowers and fruits, pt.1. Mem. Bot. Ser. Dept. Agr. India. 15: 219-249. v pl. My.1928 (Rec'd Ag.) no.8.

Mitt. Deut. Landw. Ges. (Berlin)
Kobel, F.
Die befruchtungsverhältnisse unserer obstbäume. Mitt. Deut. Landw. Ges. 43: 767-775. illus. Ag. 25, 1928. no.34.

Nature (London)
Kottur, G.L.
Continued self-pollination in cotton. Nature 122: 314. S.1, 1928. no.3070.

Nature Mag. (Wash., D.C.)

Bryant, H.C.

Parks of the golden state. California's contribution to the national playgrounds. Nature Mag. 12: 236-39, 273-274. illus. O. 1928. no.4.

Saunders, C.F.

California's wayside trees. Nature Mag. 12: 248-250, 272-273. illus. O.1928. no.4.

Saunders, C.F.

California's wild flowers. Nature Mag. 12: 221-223, 266-267. illus. O.1928. no.4.

Nauchno-Agron. Zhurn. (Journ. Landw. Wiss. Moskva)

Sokovnina, N.I.

... On the biology of rye. Interchange of gases in the vegetative organs of rye at different stages of development. Nauchno-Agron. Zhurn. (Journ. Landw. Wiss. Moskva) 5: 515-527. 1928.

Russian with English summary.

Perfum. & Essent. Oil Rec.(London)

The wistaria in the perfumer's art. Perfum. & Essent. Oil Rec. 19: 343-344. illus. Ag.1928. no.9.

Pharm. Journ. (London)

Willimott, S.G.

The pawpaw (Carica papaya). Pharm. Journ. 121(IV, 67): 219. S.1, 1928. no.3383.

Philipp. Journ. Sci. (Manila)

Serrano, F.B.

Bacterial fruitlet brown-rot of pineapple in the Philippines. Philipp. Journ. Sci. 36: 271-305. 19 pl. (part.col.) Jl.1928. no.3.

Erwinia ananas, sp.nov.

Plant. & Sugar Manuf. (New Orleans)

Bonazzi, A.

Studies in sugar cane physiology; germination gradients. Plant. & Sugar Manuf. 81: 181-183. S.8, 1928. no.10.

Plant. Chron. (Madras, India)

Gadd, C.H.

Treatment of tea root diseases. Diagnosis and control. Plant. Chron. 23: 613-618. Ag.11, 1928.

From 'The Times of Ceylon - Mail ed.' Jl.16, 1928.

Proc. Linn. Soc. N.S.W. (Sydney)

Brough, P.

Studies in the Goodeniaceae I- Proc. Linn. Soc. N.S.W. 52: 471-498. illus., pl. xxxvi-xxxvii. D.1927 (Rec'd Sept.1928) no.4.

I. The life history of Dampiera stricta (R.Br.)

Lucas, A.H.S.

Notes on Australian marine algae IV-V. Proc. Linn. Soc. N.S.W. 52: 460-470, 555-562. pl. xxvii-xxxv, xli-xlviii. D.1927 (Rec'd S.1928) no.4.

Rupp, H.M.R.

A new Dendrobium for New South Wales and Queensland. Proc. Linn. Soc. N.S.W. 53: 570-571. illus. D.1927 (Rec'd Sept.1928) no.4.

Dendrobium tenuissimum, n.sp.

Queensl. Agr. Journ. (Brisbane)

Tryon, H.

Pineapple disease investigations. Interim report. Queensl. Agr. Journ. 30: 26-34. Jl.1928. no.1.

Williams, G.

The large fruited granadilla. Queensl. Agr. Journ. 30: 34-35. illus. Jl.1928. no.1.

Passiflora macrocarpa.

Queensl. Nat. (Brisbane)

White, C.T.

The eucalypts or gum trees of the Brisbane district VII. Queensl. Nat. 6: 78-82. pl. iv-vi. Jl.1928. no.5.

Rep. Hokkaido Agr. Exp. Stat.

Matsuno, T.

On the growth of flax in Hokkaido I- Rep. Hokkaido Agr. Exp. Stat. Kotoni, Sapporo, Japan. 21(1). 40 p. plates. (part col.) Mr.1928.

Text in Japanese.

Matsuno, T.

Selection of the Pernau no.1, a new flax strain. Rep. Hokkaido Agr. Exp.Stat. Kotoni, Sapporo, Japan. 21(2). 49 p. plates. Mr. 1928.

Text in Japanese.

Rep. Maryland Agr. Soc. & Maryland Farm Bur. Fed.

Boswell, V.R.

Yield and quality of peas in relation to temperature. Rep. Maryland Agr. Soc. & Maryland Farm Bur. Fed. 12: 431-440. 1928.

In 10th report Maryland Veg. Grow. Assoc.

Gilbert, W.W.

Control of cucumber and cantaloupe diseases in Maryland. Rep. Maryland Agr. Soc. & Maryland Farm Bur. Fed. 12: 400-413. 1928.

In 10th report Maryl. Veg. Grow. Assoc.

Hunter, H.A.

The present status of seed treatments for the control of vegetable diseases. Rep. Maryland Agr. Soc. & Maryland Farm Bur. Fed. 12: 415-419. 1928.

In 10th report Maryland Veg. Grow. Assoc.

Rev. Facul. Agron. & Vet. Univ. Buenos Aires.

Millán, A.R.

Las especies del género Nicotiana de la flora argentina. Rev. Facul. Agron. & Vet. Univ. Buenos Aires. 6: 169-216. illus., pl.xii-xvii. (on 3) Jl.1928.

N. chilensis, n.sp.

Parodi, L.R.

Revisión de la gramíneas argentinas del género Sporobolus. Rev. Facul. Agron. & Vet. Univ. Buenos Aires. 6: 115-168. illus., pl. xi-xia. Jl.1928.

S. platensis, S. pseudairoides, n.spp.

Soriano, S.

Notas micológicas. Sobre el cultivo en medios artifiales de algunos hongos parásitos de plantas. Rev. Facul. Agron. & Vet. Univ. Buenos Aires. 6: 89-114. illus x pl. on 5 Jl.1928. no.2.

Rev. Gén. Bot. (Paris)

Carpentier, A.

Empreintes de fructifications trouvées en 1927 dans le Westphalien du norde de la France. Rev. Gén. Bot. 40: 385-395. pl.34-37. Jl.1928. no.475.

Guilliermond, A.

Recherches sur quelques ascomycètes inférieurs isolés de la stigmatomycose des graines de cotonnier. Essai sur la phylogénie des ascomycètes. (cont.) Rev. Gén. Bot. 40: 397-414. illus. pl. 22-33. Jl.1928. no.475.

Rev. Gén. Bot. (cont.)
Lubimenko, V.
Recherches sur les pigments des plastes et sur la photosynthèse. 3. ptie. La biologie de la photosynthèse. Rev. Gén. Bot. 40: 415-447. Jl. 1928. no.475.

Rev. Gén. Hort. & Cult. Fruit. (Paris)
Evreinow, V.
Pamplemousse ou pomélo (Citrus decumana D.C.) (cont.) Rev. Gén. Hort. & Cult. Fruit. 6: 1023-1025. Jl.1928. no.63.

Foex, E.
Le mildiou de la pomme de terre (Phytophthora infestans). Rev. Gén. Hort. & Cult. Fruit. 6: 1025-1029. Jl.1928. no.63.

Science. (Lancaster, Pa.)
Babb, M.F.
The effect of ethylene upon the vitamin B content of celery. Science. 68: 231. S.7, 1928. no.1758.

Jeffrey, E.C.
The maturation and somatic divisions in hybrids, variables and so-called mutants. Science. 68:233-235. S.7,1928. no.1758.

Johnson, E.L.
Tuberization of potatoes increased by X-rays. Science. 68: 231. S.7, 1928. no.1758.

Severy, J.W.
Joseph Edward Kirkwood. Science. 68: 223-224. S.7, 1928. no.1758.

Scient. Agr. (Ottawa)
Gordon, W.L. & Bailey, D.L.
Physiologic forms of oat stem rust in Canada. Scient. Agr. 9: 30-38. illus. S.1928. no.1.

Southworth, W.
Influences which tend to affect seed production in alfalfa and an attempt to raise a high seed-producing strain by hybridization. Scient. Agr. 9: 1-29. illus. S.1928. no. 1.

V.10, no.19, p.16.

Soil Sci. (Baltimore)

Johnston, E.S.

Potato plants grown in mineral nutrient media. Soil Sci. 26: 173-176. pl. 1. S.1928. no.3.

Waksman, S.A. & Stevens, K.R.

Contribution to the chemical composition of peat I- Soil Sci. 26: 113-137, 239-251 Ag.-S. 1928. no.2-3.

I. Chemical nature of organic complexes in peat and methods of analysis. II. Chemical composition of various peat profiles.

South African Gard. (Johannesburg)

Bolus, L.

Hereroa tugwelliae, L.Bolus. South African Gard. 18: 253. illus. (col.) Ag. 1928. no.8.

Bolus, L.

Mesembrianthemum and allied genera - Juttadinteria (Schwantes). South African Gard. 18: 249-250. illus. Ag.1928. no. 8.

Succulenta (Leeuwarden)

Verbeek Wolthuys, J.J.

Over abnormale bloemvorming bij Heliocereus speciosus (Cavan.) Br. et Rose. Succulenta. 10: 164-166. illus. S.1928. no.9.

Wagenaar, C. G.

Cereus mallisonii (hort.) Succulenta. 10: 162-164. illus. S.1928. no.9.

Sugar News. (Manila)

Lee, H.A. & Bissinger, G.H.

The distribution of sugar cane roots in the soil on the islands of Luzon. La distribución de las raices de caña dulce en el suelo, en la Isla de Luzon. Sugar News. 9: 527-536. illus. Ag.1928. no.8.

K. Svenska Vetensk. Akad. Handl.

Alm, C.G.

Monographie der gattungen Philippia Klotzsch, Mitrastylus nov.gen. und Ericinella Klotzsch. K. Svenska Vetenskapsakad. Handl. III, 4(4). 49 p. illus., 5 pl. 1927 (Rec'd Sept.1928) no.4.

Tea Quart. Tea Res. Inst. Ceylon.

Gadd, C.H.

The parasitism of Rosellinia arcuata. Tea Quart. Tea Res. Inst. Ceylon. 1: 55-60. pl. v-vi. Ag.1928. no.3.

Petch, T.

Callus. Tea Quart. Tea Res. Inst. Ceylon. 1: 67-71. pl. vii. Ag.1928. no.3.

Tijdschr. Plantenz. (Amsterdam)

Poeteren, N.van.

Vraagstukken in verband met ziektebestrijding in de fruitteelt. Tijdschr. Plantenz. 34: 211-229. Ag. 1928. no.8.

Torreya.

Gundersen, A.

Flower structures of dicotyledons. Torreya. 28: 70-73. Jl./Ag. 1928. no.4.

Hollick, A.

Isotria verticillata on Staten Island, New York. Torreya. 28: 69-70. pl.A-B. Jl./Ag. 1928. no.4.

St.John, H.

Revision of the genus Crocidium. Torreya. 28: 73-77. Jl./Ag. 1928. no. 4.

Trop. Agriculture. West Indies (Trinidad)

Petch, T.

Fomes lignosus. Trop. Agr. West Indies. 5: 229. S.1928. no.9.

Fungus known as Fomes lignosus in West Indies should be known as Polyporus microporus; correct name of the fungus known as Fomes lignosus in E.Indies not yet determined.

also in Tea Quart. Tea Res. Inst. Ceylon. 1: 64-66. Ag.1928.

Trop. Woods, Yale Univ. Sch. For. (New Haven, Conn.)

Burtt-Davy, J.

Note on the East Indian "rohituka". Trop. Woods, Yale Univ. Sch. For. 15: 26. S.1,1928.

Aphamamixis rohituka.

Trop. Woods, Yale Univ. Sch. For. (cont.)

Haman, M. & Wood, B.R.
The forests of British Guiana. Trop. Woods Yale Univ. Sch. For. 15: 1-13. S.1, 1928.

Hansson, A.
The New Zealand white pine. Trop. Woods Yale Univ. Sch. For. 15: 25-26. S.1,1928.
Podocarpus dacrydioides.

Williams, L.
Studies of some tropical American woods. Trop. Woods Yale Univ. Sch. For. 15:14-24. S.1, 1928.

Valtion Maatalouskoettoimin (Finland) Tiedonant.

Rainio, A.J.
Hedelmäpuiden muumiotauti. Sclerotinia fructigena (Pers.) Schröt. ja Sclerotinia cinerea (Bon.) Woron. Valtion Maatalouskoetoimin. (Finland) Tiedonant. no.9. 4 p. illus. 1927.

Verh. Zool.-Bot. Ges. Wien.

Berger, R.
Das halltal. Eine pflanzensoziologische studie als beitrag zur pflanzengeographie des südlichen Karwendels. Verh. Zool.-Bot. Ges. Wien. 77: 119-155. Ja.1928 (Rec'd Sept.) no.4.

Buxbaum, F.
Nachtrag zur flora von Tunesien. Verh. Zool.-Bot. Ges. Wien. 77: 81-82. Ja.1928. (Rec'd Sept. no.4.

Ronniger, K.
Sorbus florentina (Zuccagni) Nyman in Albanien. Verh. Zool.-Bot. Ges. Wien. 77: 99-102. Ja.1928. (Rec'd Sept.) no.4.

Zhurn. Opytn. Agron. Iugo-Vost. (Journ. Exp.Landw. Südost. Eur.-Russl.) (Saratov)

Lebedeva, L.A.
... Fungus diseases of cereals and sunflower during the summer of 1927 on the Saratow agricultural experiment station. Zhurn. Opytn. Agron. Iugo-Vost. (Journ. Exp.Landw. Südost. Eur.-Russl.) 5: 241-252. 1928.
Russian with English summary.

Zhurn. Opytn. Agron. Iugo-Vost. (Journ. Expp Landw. Südost. Eur.-Russl.)(cont.)

Saltykovsky, M.I.
... Verschiedene beschädigung der winterweizen und winterrogen sorten von Fusarium nivale und ihre wirkung auf den kornertrag. Zhurn. Opytn. Agron. Iugo-Vost. (Journ. Exp. Land. Südost. Eur.-Russl.) 5: 346-359. pl. 1928.
Russian with German summary.

Exper. Stat. Publ.

Burgess, P.S. & Pohlman, G.G.
Citrus chlorosis as affected by irrigation and fertilizer treatments. Arizona Agr. Exp. Stat. Bull. 124. p. 183-232. illus. My.1, 1928.

Green, F.M.
Effect of acid wash on the keeping qualities of apples. A practical home-made apple-washing machine. Colorado Agr. Exp. Stat. Bull. 343. 18 p. illus. Ag. 1928.

Kezer, A., Coffman, F.A., Robertson, D.W., Koonce, D. & Deming, G.W.
Colorado wheat studies. Colorado Agr. Exp. Stat. Bull. 329. 55 p. illus. Ja.1928.

Valleau, W.D. & Johnson, E.M.
Observations and experiments on the control of true tobacco mosaic. Kentucky Agr. Exp. Stat. Bull. 280. p.145-174. illus. S.1927.

Valleau, W.D. & Johnson, E.M.
Tobacco frenching - a nitrogen deficiency disease. Kentucky Agr. Exp. Stat. Bull. 281. p.179-253. illus. D.1927.

Young, P.A. & Morris, H.E.
Sclerotinia wilt of sunflowers. Montana Agr. Exp. Stat. Bull. 208. 32 p. illus., 3 pl. S. 1927.

Wilson, C.P.
Factors affecting the germination and growth of chamiza (Atriplex canescens). New Mexico Agr. Exp. Stat. Bull. 169. 29 p. illus. Je. 1928.

Exper. Stat. Publ. (cont.)

Hartwell, B.L., Smith, J.B. & Damon, S.C.
The effect of sodium chloride and carbonate on the growth of asparagus. Rhode Island Agr. Exp. Stat. Bull. 213. 16 p. Je. 1928.

State Publications.

Milbrath, D.G.
[Report on] plant pathology. Rep. Calif. Dept. Agr. 8: 659-663. 1928 (Month. Bull. Calif. Dept. Agr. v.16, no.12)

New Books.

Bateson, W.
William Bateson, F.R.S., naturalist. His essays & addresses together with a short account of his life by Beatrice Bateson. Cambridge, University press, 1928.

Bresadola, J.
Iconographia mycologia VI. Mediolani, 1928.

Clute, W.N.
Useful plants of the world. Joliet, Ill., W.N. Clute & co., 1928.

Coventry, B.O.
Wild flowers of Kashmir. Ser.II. London, Raithby, Lawrence & co., 1927.

Dop, P. & Gautié, A.
Manuel de technique botanique, histologie et microbie végétales. 2. éd. Paris, J. Lamarre, 1928.

Holmberg, O.R.
Skandinaviens flora. häfte. 2. Stockholm, P.A. Norstedt, 1926.
First pt. has title: hartmans Handbok i Skandinaviens flora red. av. O.R. Holmberg.

Janssonius, H.H.
Mikrographie des holzes der auf Java vorkommenden baumarten... 9 lfg. Leiden, E.J. Brill, 1928.

Nobecourt, P.
Contribution à l'étude de l'immunité chez les végétaux. 2. éd. Tunis, J. Barlier & cie, 1928.

New Books (cont.)

Sawyer, R.V. & Perkins, E.H.
Water gardens and gold fish. N.Y., A.T. DelaMare 1928.

Stuart, Wm.
The potato. 3d ed. rev. Phila & London, Lippincott, 1928.
Potato diseases and their control: p.247-289.

Wildeman, E.
Plantae Bequaertianae... v.4, fasc. i*II. Gand, 1926-27.

Yamamoto, Y.
Supplementa iconum plantarum formosanarum IV. Taikoku, Formosa, Ap. 1928.

Correction.

V.10, no.18.
Protoplasma.
Title under Frey, A., vol. no. should read 4 and not 34.

BOTANY
CURRENT LITERATURE

LIBRARY
RECEIVED
★ OCT 13 1928 ★
U. S. Department of Agriculture

ADDITIONS TO THE BOTANICAL CATALOGUE, BUREAU OF PLANT INDUSTRY,
COMPILED FROM PUBLICATIONS RECEIVED IN THE
LIBRARY OF THE UNITED STATES DEPARTMENT OF AGRICULTURE, WASHINGTON, D.C.

Vol. 10, no.20. Sept.17, 1928.

Agric. Bull. Bermuda. (St. George's)
Ogilvie, L.
Virus diseases of plants in Bermuda.
Agr. Bull. Bermuda. 7: 4-7. Ag.1928. no.8.

Agr. Gaz. N.S.W. (Sydney)
Anderson, R.H.
Farm forestry V. The native and introduced trees of New South Wales. Agr. Gaz. N.S.W. 39: 615-626. illus. Ag. 1928. no.8.
The previous articles of the series dealt with the question of the value of trees to the farmer and pastoralist, and the methods necessary for their successful cultivation.

Amer. Produce Grow. (Chicago)
Guba, E. F.
Significant practices in the control of diseases of greenhouse cucumbers and tomatoes. Amer. Produce Grow. 3(9): 7, 15. illus. S. 1928.

Beih. Repert. Spec. Nov. (Dahlem)
Knuth, R.
Initia florae venezuelensis lfg. 5. Beih. Repert. Spec. Nov. Fedde. 43: 641-768. 1928.

Better Crops (N.Y.)
Richardson, J.L.
The barberry battle. Better Crops. 11(3): 5-8, 59-61. illus. Sept. 1928.

Biol. Gen. (Vienna)
Göhlert, F.
Die flora über eisenkarbonat. Edaphische und ökologische untersuchungen am steirischen Erzberg. Biol. Gen. 4: 333-336. 1928. no. 3/5

Greger, J
Was ist die mittellamelle der pflanzenzellhaut? Biol. Gen. 4: 377-386. illus. 1928. no.3/5.

Biol. Gen. (cont.)

Niethammer, A.
Stimulationswirkungen im pflanzenreiche.
Biol. Gen. 4: 259-290. 1928. no.3/5.

Werner, O.
Blatt-aschenbilder heimischer wiesengräser als mittel ihrer verwandtschafts- und wertbestimmung. Ein beitrag zur methodik angewandter biologie.
Biol. Gen. 4: 403-446. pl. ix-xii. 1928. no.3/5.

Bol. Inst. Nac. Invest. y Exp. Agron. y For. Spain.

Benlloch, M.
Notas sobre el estudio de insecticidas y criptogamicidas. Bol. Inst. Nac. Invest. & Exp. Agron. & For. Spain. 2: 110-117. Je. 1928.

Blanco, R. & Homedes, J.
Estudio del periodo meiótico de una raza de "Hordeum hexasticum" L. Bol. Inst. Nac. Invest. & Exp. Agron. & For. Spain. 2: 58-69. illus. Je. 1928.

Booklet Ser. Chinese Gov't Bur. Econ. Inform. (Peking)

Porterfield, W.M. jr.
Bamboo, and its uses in China. Booklet Ser. Chinese Gov't Bur. Econ. Inform. 2. 77 p. illus. [1927?]

Shih, C.Y.
Studies in Chinese economic botany. Booklet Ser. Chinese Gov't Bur. Econ. Inform. 1. 71 p. [1927?]
Chinese names of plants are given.

Bull. Agr. Exp. Stat. Shizuoka, Japan.

Noro, K.
Studies on bud-variation in Satsuma orange. 1st preliminary report. Shizuoka, Japan Agr. Exp. Stat. Bull. 1. 73 p. plates. Je. 1928.
In Japanese.

Bull. Agr. Res. Inst. Pusa.

Subramaniam, L. S.
Root rot and sclerotial diseases of wheat.
Bull. Agr. Res. Inst. Pusa. 177. 7 p. illus., pl. 1928.
Pythium graminicolum, n.sp., Rhizoctonia destruens = Sclerotium rolfsii.

Bull. Amer. Peony Soc.
Mead, F. B.
The single and Japanese peonies. Bull. Amer. Peony Soc. 20(35): 22-28. col.pl. Sept. 1928.

Bull. Dept. Agr. Bombay (Poona)
Kottur, G.L. & Chavan, V.M.
Selection in the "jowars" of the Bombay Karnatak. Bull. Dept. Agr. Bombay (Techn. Ser.) 1928, no.151. 24 p. 5 pl.
Andropogon sorghum.

Bull. Econ. Indochine. (Hanoi)
Crevost, Ch.
Considérations sur Strychnos gauthierana. Bull. Econ. Indochine. n.s., 31: 345-348. illus. 1928. no.194.

Crevost, Ch.
Notice sur la Rehmannia chinensis. Bull. Econ. Indochine. n.s., 31:349-352. 1928. no.194.

Bull. Gard. Club Amer. (Sewickley, Pa.)
Hunt, R.M.M.
Colonial gardens. Bull. Gard. Club Amer. III, 23: 7-13. S. 1928.

Lloyd, M.H.W.
Small and early bulbs. Bull. Gard.Club Amer. III, 23: 23-31. S. 1928.

Wilson, E.H.
Plant crabapples for beauty in flower and fruit. Bull. Gard. Club Amer. III, 23: 14-17. S.1928.

Bull. Misc. Inform. Kew. (London)
Fischer, C.E.C.
The flora of Madras VI. Bull. Misc. Inform. Kew. 1928: 281-285. no.7.

Hill, A. W.
A new species of Lilaeopsis from New Zealand. Bull. Misc. Inform. Kew. 1928: 266-267. illus. no. 7.
Lilaeopsis orbicularis, sp.nov.

Bull. Misc. Inform. Kew. (cont.)

Hubbard, C.E.
The genus Astrebla or Mitchell grasses.
Bull. Misc. Inform. Kew. 1928: 257-266. no.7.
Astrebla squarrosa, n.sp.

Hutchinson, J. & Dalziel, J.M.
Tropical African plants IV Bull. Misc. Inform. Kew. 1928: 296-301. no.7.

Kew. Royal gardens.
Decades kewensis. Plantarum novarum in herbario Horti regii conservatarum CXXI. Bull. Misc. Inform. Kew. 1928: 272-277. illus. no. 7.

Sirjaev, G.
A new Medicago from China. Bull. Misc. Inform. Kew. 1928: 270-271. illus. no. 7.
Medicago archiducis-nicolai, sp.nov.

Sprague, T.A.
The correct spelling of certain generic names II. Bull. Misc. Inform. Kew. 1928: 285-296. no. 7.
Ailanthus not Ailantus; Amaranthus not Amarantus; Borago not Borrago; Prunella not Brunella; Euonymus not Evonymus.

Sprague, T. A.
The generic names Miconia and Myconia. Bull. Misc. Inform. Kew. 1928: 268-269. no. 7.
Myconella proposed for the genus typified by Chrysanthemum myconi (Myconia Neck.) Myconella myconis (L.) comb.nov.

Sprague, T.A.
Marica and Neomarica. Bull. Misc. Inform. Kew. 1928: 278-281. no. 7.
Neomarica proposed for genus, generally known nowadays as Marica Ker.

Bull. Soc. Dép. Encouragement Agr. Herault.

Ravaz, L.
Recherches sur le court-noué. Bull. Soc. Dép. Encouragement Agr. Herault. 35: 117-128. Aug. 1928. no.416.

Bull. Techn. & Sci. Serv. Dept. Agr. Egypt. (Cairo)
Le Geyt Worsley, R.R.
Bordeaux mixture, its adhesive power under Egyptian climatic conditions. Bull. Techn. & Sci. Serv. Min. Agr. Egypt. 78. 5 p. 1928.

Canad. Flor. (Peterboro, Ont.)
Macoun, W.T.
Varieties of lilac and mock orange. Canad. Flor. 23: 101-102. Mr. 13, 1928, no.6.

Saunders, W.E.
On the parentage of irises. Canad. Flor. 22: 417. O.25, 1927. no. 22.

Canning Trade. (Baltimore)
Bitting, A. W.
The artichoke (concl.) Canning Trade. 51(5): 16-20; (6): 14, 16,18. Sept. 17, 24, 1928.

Cawthron Lectures. (Nelson, N.Z.)
Lotsy, J.P.
A popular account of evolution. Cawthron Lectures. 3: 3-22. ii pl. 1928 (1927)

Centralbl. Bakt. Abt.II (Jena)
Baron, M.A.
Bakterien als quellen mitogenischer (ultra-violetter) strahlung. Centralbl. Bakt. Abt. II. 73: 373-379. illus. Feb.1928. no.15/23.

Pfeil, H.A. graf von & Klein-Ellguth.
Beitrag zur kenntnis der roggenfusariose. Centralbl. Bakt. Abt.II. 73: 347-373. pl. Feb. 1928. no. 15/23.

Circ. Estac. Exp. Agr. Lima.
Abbott, E.V.
La "rona" y la "rancha" o "hielo" de la papa. Circ. Estac. Exp. Agr. Lima. 7. 11 p. col. pl. Mr. 1928.

Citrus News.
Carne, W.
Precautions against brown rot. Citrus News. 1(8): 22. Aug.1, 1928.

Compt. Rend. Acad. Sci. Paris.
Vuillemin, P.
Papports de l'appareil conidien avec le mycélium des Aspergillus. Compt. Rend. Acad. Sci. Paris. 187: 457-458. Sept.3, 1928. no.10.

Corse Agr.
Dufrenoy, J.
Recherches relatives aux dépérissements des arbres fruitiers. Corse Age. 18: 20-23. Aug. 1928. no. 2.

Curiamo Piante. (Milan)
Ferraris, T.
L'insegnamento della patologia veget. nelle R Scuole agrarie medie. Com'e e come dovrebbe essere. Curiamo Piante. 6: 143-147. Aug.28, 1928. no. 8.

Ferraris, T.
Il seccume dello stelo di cipolla prodotto dalla "Pleospora herbarum" Rabh. Curiamo Piante. 6: 147-149. Aug.28, 1928. no. 8.

Défense Agr. Beauce et Perche (Chartres)
Braun, V.
Les éléments de l'air dans la nutrition végetale. Défense Agr. Beauce et Perche. 25: 425-426. Sept.8, 1928. no. 36.

Chauzit, J.
La destruction des mauvaises herbes. Défense Agr. Beauce et Perche. 25: 411-412. Sept.1, 1928. no. 35.

Empire For. Journ.
Mead, J. P.
The forests of the Fiji Islands. Empire For. Journ. 7: 47-54. plates. 1928. no. 1.

Flor. Rev. (Chicago)
Kunkel, L.O.
Aster yellows yields to science. Flor. Rev. 62(1608): 35-36. Sept.20,1928.

Flugbl. Biol. Reichsanst. Land- u. Forstw. (Berlin)

Laubert, R.

Krankheiten der gurken. Flugbl. Biol. Reichsanst. Land- u. Forstw. 95. 4 p. illus. Je. 1928.

Blattbrand (Corynespora); die krätze der gürken (Cladosporium); gurkenmeltau; falscher meltau; welkekrankheit.

Formosan Agr. Rev.

Kato, S.

On the bamboos as the material plant of fibre. Formosan Agr. Rev. 22: 671-676. Aug. 1928. no. 1.

In Japanese.

Suzuta, I.

On the germination power of the rice seed. Formosan Agr. Rev. 22: 626-639. Aug. 1928. no. 8.

Text in Japanese.

Gard. Chron. (London)

Brown, N.E.

Mesembryanthemum (cont.) (Cryophytum N. Gard. Chron. III, 84: 192. Sept.8,1928. no. 2176.

Darnell, A. W.

The genus Primula (cont.) Gard. Chron. III, 84: 192-193. Sept.8, 1928. no.2176.

Pearson, J.D.

Notes on some of the newer narcissi. Gard. Chron, III, 84: 188-189. illus. Sept.8, 1928. no.2176.

Yasniroda, K.

Terrestrial orchids of Japan. Gard. Chron. III, 84: 186-187. Sept.8, 1928. no. 2176.

Gartenschönheit. (Berlin)

Geyer, M.

Passiflora. Gartenschönheit. 9: 329-331. illus. Aug. 1928. no. 8.

Kache, P.

Scharlach - oder zonal - pelargonien. Gartenschönheit. 9: 328-329. col.pl. Aug.1928. no. 8.

House & Gard. (Greenwich, Conn.)

Bade, E.

A garden of healing herbs. House & Gard. 54(4): 98-99, 182. illus. Oct. 1928.

House & Gard. (cont.)

Wilson, E. H.
Lindens and other summer flowering trees. House & Gard. 54(4): 113,174,178, 192. illus. Oct. 1928.

Indische Culturen (Soerabaja)

Hall, C.J.J. van.
Nieuwere onderzoekingen over het toprot van den klapper. Indische Culturen. 13:748-751. Ag.16, 1928. no. 16.

Journ. Amer. Soc. Agron. (Geneva, N.Y.)

Klages, K.H.
Comparative winterhardiness of species and varieties of vetches and peas in relation to their yielding ability. Journ. Amer. Soc. Agron. 20:982-987. Sept.1928. no. 9.

Richey, F. D.
The intensive production of single crosses between selfed lines of corn for double crossing. Journ. Amer. Soc. Agron. 20: 942-946. illus. Sept. 1928. no. 9.

Journ. Bot. (London)

Brown, N. E.
Mesembryanthemum and allied genera (cont.) Journ. Bot. 66: 265-268. Sept.1928. no. 789.

Good, R.D'O.
Notes on a comparison of the angiosperm floras of Kent and Pas de Calais. Journ. Bot. 66:253-264. Sept.1928. no. 789.

Merrill, E.D.
The identity of the genus Sarcodum Loureiro. Journ. Bot. 66: 264-265. Sept.1928. no. 789.
Clianthus scandens (Lour.) comb.nov. (Sarcodum scandens)

Mr. John Gossweiler's plants from Angola and Portuguese Congo. Dicotyledones: Polypetalae by A.W. Exell. Journ. Bot. 66(Suppl.): 153-160. Sept.1928. no. 789.

Journ. Bot. (cont.)

Paulson, R.
Lichens of Spitsbergen and North-east land. Journ. Bot. 66: 249-253. Sept. 1928. no. 789.

Ridley, H.N.
Cotyledon umbilicus as an epiphyte. Journ. Bot. 66: 273. Sept. 1928. no. 789.

Stephenson, T.
Epipactis dunensis. Journ. Bot. 66: 273-274. Sept.1928. no. 789.

Journ. Chem. Soc. Japan.

Arima, J.
On a glucoside in the root of Peucedanum decrusvum Maxim. IV. Constitution of nodakenin. Journ. Chem. Soc. Japan. 49: 415-417. Aug. 1928. no. 8.

Journ. Chem. Soc. Lond.

Henderson, S. T.
The pectin and hemicelluloses of the flax plant. Journ. Chem. Soc. London. 1928: 2117-2125. Aug. 1928.

Journ. Dept. Agr. West. Austral. (Perth)

Baron-Hay, G.K. & Gardner, C.A.
Elephant grass (Pennisetum purpureum. Schum.) Journ. Dept. Agr. West. Austral. II, 5: 265-270. illus., pl. Je. 1928 no.2.

Carne, W.M.
Leaf rust of stone fruits (Puccinia pruni-spinosae). Journ.Dept. Agr. West. Austral. II, 5: 177-178. illus. Je. 1928. no. 2.

Journ.Elisha Mitchell Sci. Soc. (Chapel Hill, N.C.)

Peattie, D. C.
Flora of the Tryon region of North and South Carolina. An annotated list of the plants growing spontaneously in Polk County, North Carolina and adjacent parts of South Carolina, in Greenville and Spartanburg Counties I- Journ Elisha Mitchell Sci. Soc. 44: 95-125. S.1928. no.1.
I. Introduction: soils, climate, etc., ferns and conifers (Pteridophyta, Gymnospermae)

Journ. Elisha Mitchell Sci. Soc. (cont.)

Raper, K. B.
Studies on the frequency of water molds in the soil. Journ. Elisha Mitchell Sci. Soc. 44: 133-139. Sept. 1928. no. 1.

Sharpe, L.
Abnormal embryos of oats and wheat. Journ. Elisha Mitchell Sci. Soc. 44: 90-93. pl.3-6. Sept.1928. no. 1.

Journ. Gen. Physiol. (Baltimore, Md.)

Osterhout, W.J.V. & Harris, E.S.
The death wave in Nitella I- Journ. Gen. Physiol. 12: 167-186. Sept.1928. no.1.
I. Applications of like solutions.

Journ. Hered. (Washington)

Condit, I.J.
Fig breeding. Journ. Hered. 19: 417-424. illus. Sept.1928. no. 9.

Phipps, I.F.
Tassel seed-4. Heritable characters of maize XXXI. Journ. Hered. 19: 399-403. illus. Sept. 1928. no. 9.

Journ. N.Y. Bot.Gard.

Reed, G.M.
Japanese and Siberian irises. Journ. N.Y. Bot. Gard. 29: 233-238. Sept.1928. no.345.

Small, J.K.
Botanical fields, historic and prehistoric. A record of exploration in the southeastern coastal plain (concl.) Journ. N.Y.Bot.Gard. 29: 223-235. illus. Sept.1928. no.345.

Journ. Pan-Pacific Res. Inst. (Honolulu, Hawaii)

Morita, H.T.
Some nematode problems in the pineapple industry. Journ. Pan-Pacific Res. Inst. 3(4): 14-16. illus. O./D. 1928.

Journ. Sci. Agr. Soc. Japan. (Tokyo)

Asami, Y. & Hu, C.C.
Studies on the correlation between the size of the fruit and some characters in the Japanese pear. Journ. Sci. Agr. Soc. Japan. 303: 55-66. pl. i-iii. Feb. 1928. (Rec'd Sept.)

Hatayama, Y.
The chromosome number in Phaseolus and Allium, and an observation on the size of stomata in different species of Triticum. Journ. Sci. Agr. Soc. Japan. 303: 52-54. illus. Feb. 1928 (Rec'd Sept.)

Kondo, M. & Okamura, T.
Vergleichende untersuchungen der physikalischen eigenschaften des enthulsten (genmai) und des bespelzten reiskornes (momomai) II-III. Journ. Sci. Agr. Soc. Japan. 304: 71-92. Mr. 1928; 306: 167-176. My.1928 (Rec'd Sept.)
II. Trocknungsversuche des enthülsten, des bespelzten reiskornes und der spelze. III. Vergleich der härte des enthülsten und des bespelzten reiskornes, während der trocknungszeit.
German résumé: 304: 91-92; 306: 175-176.

Yasuda, S. & Satow, G.
Germination of the pollen grains with special reference to the fertilizing percentage in Petunia violacea. Journ. Sci. Agr. Soc. Japan. 305: 150-154. Ap.1928 (Rec'd Sept.)

Julk. Suomalaisen Eläin- & Kasvit. Seuran Vanamon (Ann.Soc. Zool.-Bot. Fenn. Vanamo)

Ekman, G.
Ueber den unterschied zwischen reduktions- und äquationsteilung. Einige theoretische betrachtungen über den begriff chromosom. Julk. Suomalaisen Eläin- & Kasvit. Seuran Vanamon (Ann. Soc.Zool. -Bot. Fenn. Vanamo) 6: 1-36. 1928.

Räsänen, V.
Ueber flechtenstandorte und flechtenvegetation in westlichen Nordfinnland. Julk. Suomalaisen Eläin- & Kasvit. Seuran Vanamon (Ann. Soc. Zool.-Bot. Fenn.Vanamo) 7: 1-202. 1927 (Rec'd 1928)

Julk. Suomalaisen Eläin- & Kasvit. Seuran Vanamon (Ann. Soc. Zool.-Bot. Fenn. Vanamo) (cont.)

Teräsvuori, K
Wiesenuntersuchungen II. Julk. Suomalaisen Eläin- & Kasvit. Seuran Vanamon (Ann. Soc. Zool.-Bot. Fenn. Vanamo) 7: 311-392. 1927 (Rec'd 1928)
Finnish with German summary.

Valle, K.J.
Suomen Nymphaea-lajit (Ueber die Nymphaea-arten Finnlands) Julk. Suomalaisen Eläin- & Kasvit Seuran Vanamon (Ann.Soc. Zool.-Bot. Fenn. Vanamo) 7: 203-309. illus.(map), viii pl. 1927(Rec'd 1928)
Finnish with German summary.

Kranke Pflanze (Dresden)

Baunacke, W.
Zum 60. geburtstage des herrn prof. dr. H.Neubauer. Kranke Pflanze. 5: 139-141. port. S. 1928. no.9.

Esmarch, F.
Bodensäure und unkraut. Kranke Pflanze. 5: 141-144. Sept. 1928. no. 9.

Malayan Agr. Journ. (KUala Lumpur)

Marsh, T.D.
Preliminary report on the cultivation of candle-nut at Serdang. Malayan Agr. Journ. 16: 212-216 My.1928. no.5.
Aleurites triloba.
Pests and diseases (Diplodia sp.): p.216.

Mitt. Deut. Landw. Ges.(Berlin)

Fischer, G.
Pflanzenschutz und schädlingsbekämpfung. Mitt. Deut. Landw. Ges. 43: 811-812. Sept.8, 1928. no. 36.

Mitt. Staatsforstverw. Bayerns.

Müller, K.M.
Untersuchungen über Pinus peuce und Pinus leucodermis in ihren bulgarischen wuchsgebieten. Mitt. Staatsforstverw. Bayerns. 19: 69-99 plates. 1928.

Naturwissenschaften (Berlin)

Touton, K.
Die "mutation" in den organischen naturreichen und beim menschen. Naturwissenschaften. 16: 685-688. Ag.31, 1928. no.35.
English summary (Nitrogen content in mangels and inheritance of nitrogen content): p.97-100.

Nord. Jordbrugsforskn. (København)
Pedersen, A.
Undersøgelser over kvaelstofindholdet i runkelroer ved forskellig kvaelstofgødskning samt arveligheden af kvaelstofindholdet. Nord. Jordbrugsforskn. 1928: 68-101. illus. no.2/3.
English summary (Nitrogen content in mangels and inheritance of nitrogen content): p.97-100.

Orchid Rev. (Richmond, England)
Cooper, E.
Acineta superba (humboldtii) Orchid Rev. 36: 274-276. Sept.1928 no.423.

Cooper, E.
Masdevallia calura and M. rolfeana. Orchid Rev. 36: 263-264. Sept. 1928. no.423.

Golden-yellow Dendrobiums. Orchid Rev. 36: 260-262. Sept.1928. no.423.

Pflanzenbau (Berlin)
Zade, A.
Masseinfektionen mit haferflugbrand nach einem neuen verfahren. Pflanzenbau. 5: 43. Aug.15, 1928.

Plant. & Sugar Manuf. (New Orleans)
Bonazzi, A.
Studies in sugar cane physiology; germination gradients. II. Plant. & Sugar Manuf. 81: 203-205, 218, 225, 239. Sept.15,22, 1928. no. 11-12.

Plant. Chron. (Madras, India)
Gadd, C. H.
Treatment of tea root diseases. Diagnosis and control (concl.) Plant. Chron. 23: 634-635. Aug.18, 1928. no.33.

Planta, Arch. Wiss. Bot. (Berlin)
Brieger, F.
Histologisch-morphologische untersuchungen an sterilen artbastarden. Planta, Arch. Wiss. Bot. 6: 315-362. illus. Aug.1928. no.2.

Planta, Arch. Wiss. Bot. (cont.)

Junker, H. & Wieben, M.
Weitere ergebnisse über die wirkung extremer potenzverdünnungen auf organismen. Versuche mit pilzen I- Planta, Arch. Wiss. Bot. 6: 363-375. Aug. 1928. no. 2.
I. Die vermehrung von hefen.

Leemann, A.
Das problem der sekretzellen. Planta, Arch. Wiss. Bot. 6: 216-233. illus. Aug.1928. no. 2.

Nielsen, N.
Untersuchungen über stoffe, die das wachstum der Avenacoleoptile beschleunigen. Planta, Arch. Wiss. Bot. 6: 376-378. Aug.1928. no. 2.

Porodko, Th.M.
Neue längenwachstumstypen der hauptwurzeln. Planta, Arch. Wiss. Bot. 6: 234-254. Aug. 1928. no. 2.

Schratz, E.
Beobachtungen an Pogonatum nanum (Schreb.) P.B. und Pog. aloides (Hedw.) P.B. Planta, Arch. Wiss. Bot. 6: 192-215. illus. Aug.1928. no. 2.

Slatmann, W.
Phytoserologische untersuchungen II. Vergleichende untersuchungen über die kapillarmethode mit phosphat, die kapillarmethode ohne phosphat und die mezsche präzipitationsreaktion. Planta, Arch. Wiss. Bot. 6: 277-314. Aug.1928. no.2.
For I see Hannig, E.

Stalfelt, M.G.
Die abhängigkeit der photischen spaltöffnungsreaktionen von der temperatur. Planta, Arch. Wiss. Bot. 6: 183-191. Aug.1928. no.2.
Vicia faba.

Troll, W.
Zur auffassung des parakarpen gynaeceums und des coenokarpen gynaeceums überhaupt. Planta, Arch. Wiss.Bot. 6: 255-276. illus. Aug.1928. no.2.

Proc. Ohio Veg.Grow. Assoc.

Martin, W.H.
Efficiency of organic mercury compounds in potato seed treatment. Proc. Ohio Veg. Grow. Assoc. 13: 19-23. 1928.

Newhall, A.G.
Some plant disease problems in the vegetable greenhouse. Proc. Ohio Veg. Grow. Assoc. 13: 37-43. 1928.

Tilford, P.E.
Foliage protection for the late potato crop in Ohio. Proc. Ohio Veg. Grow. Assoc. 13: 12-16. 1928.

Wilson, J.D.
Celery spraying and dusting. Proc. Ohio Veg. Grow. Assoc. 13: 92-102. 1928.

Proc. Pineapple Men's Conf.

Causes of crop failure and methods of attacking the problems involved. Proc. Pineapple Men's Conf. 7: 39-52. 1928.

Waldron, G.C.
Imperfections of pineapple fruit. Proc. Pineapple Men's Conf. 7: 20-23. 1928.

Proc. Roy.Soc. Ser.B. (London)

Candlin, E.J. & Schryver, S.B.
Investigations of the cell-wall substances of plants, with special reference to the chemical changes taking place during lignification. Proc. Roy. Soc. Ser.B. 103: 365-376. S.1928. no.725.

Progr. Agr. & Vitic. (Montpellier)

Coulondre, E.
Seibel 6468 blanc. Progr. Agr. et Vitic. 90: 224-225. col.pl. S.2, 1928. no.36.

Ravaz, L. & Verge, G.
La vigne en 1926, maladies, accidents divers, coulure, sécheresse, etc. Progr. Agr. et Vitic. 90: 250-262. Sept.9,1928. no.37.

Publ. Lab. Quím. Anal. Univ. Nac, Tucumán.
Awschalom, M.
Contribución al estudio del Astralagus unifultus L'Heritier (garbancillo) Publ. Lab. Quím. Anal. Univ. Nac. Tucumán. no.1. 29 p. illus. 1928.

Queensl. Agr. Journ. (Brisbane)
Francis, W.D.
Queensland rain-forest trees. (cont.) Queensl. Agr. Journ. 30: 146-148. illus. Aug.1928. no.2.
Endiandra discolor.

Red-fleshed Cape gooseberry. Queensl. Agr. Journ. 30: 102. col. pl. Aug. 1928. no.2.
Physalis franchetii.

Rev. Gén. Bot. (Paris)
Augem, A.
Les glucides des Iris, nature, genese et transformations. Rev. Gen. Bot. 40: 456-473. Aug.1928. no.476.

Douin, C.
L'involucre caulinaire des hypnacées. Rev. Gén. Bot. 40: 449-455. illus. Aug.1928. no. 476.

Guilliermond, A.
Recherches sur quelques ascomycétes inferieurs isolés de la stigmatòmycose des graines de cotonnier. Essai sur la phylogénie des ascomycetes (cont.) Rev. Gén. Bot. 40: 474-485. illus. Aug. 1928. no.476.

Lubimenko, V.
La biologie de la photosynthese (condl.) Rev. Gén. Bot. 40: 486-512. illus. Ag.1928. no.476.

Rev. Hort. Algérie. (Alger)
Cayeux, L.
Etude et emploi des légumes nouveaux. Les plus intéressants au point de vue horticole obtenus ou introduits depuis 1900. Rev. Hort. Algerie. 32: 172-176. Ag.1928. no.8.

Roczn. Nauk Rolnicz. i Lésn. (Polis Agr. & For. Ann.)
(Poznan)

Birula, I., Dabrowski, Z. & Królikowski, L.
Grozny szkodnik limby (Pinus cembra) Hypoderma namysłowski sp.nova. (Ein gefährlicher schädling der arve (P.cembra) Hypoderma namysłowskii sp. nova). Roczn. Nauk. Rolnicz. Leśn. (Polish Agr. & For. Ann.) 20: 25-34. illus. Jl./Ag. 1928. no. 1.
German résumé: p.39-41.

Krasucki, A. & Muryn, S.
Spostrzezenia nad szkodnikami i chorobami roślin hodowanych w Połud. Wschod. Polsce w r. 1927 (Beobachtungen über die schädlinge und krankheiten der kulturpflanzen in Südost-Polen im jahre 1927) Roczn. Nauk Rolnicz. Leśn. (Polish Agr. & For. Ann.) 20: 25-34. Jl./Ag.1928. no. 1.
German résumé: p.33-34.

Niezabitonoski, E. L.
Prof. Dr. Józef Rostafiński. Roczn. Nauk Rolnicz. Leśn. (Polish Agr. & For. Ann.) 20: 116-119. port. Jl./Ag. 1928. no.1.

Paderewski, J.
Praktyczne zabiegi przeciw grzybowi "Cercospora beticola" (Les experiments foratiques contre le fongus "Cercospora beticola Sacc.") Roczn. Nauk Rolnicz. Leśn. (Polish Agr. & For. Ann.) 20: 100-115. illus. Jl./Ag. 1928. no.1.
French résumé: p.113-115.

Science. (Lancaster, Pa.)

Schaffner, J.H.
Ectogony or metaxenia? Science. 68: 274. S.21, 1928. no. 1760.

Webster, J.E. & Dalbom, C.
Citric acid inversion of sucrose in plant tissues. Science. 68: 257-258. S.14, 1928. no.1759.

Scient. Month. (Lancaster, Pa.)

Gemmer, E.W.
The root system of a longleaf pine. Scient. Month. 27: 384. illus. O.1928. no.4.

Kenoyer, L.A.
Botanizing on Barro Colorado Island, Panama. Scient. Month. 27: 322-336. illus. O.1928. no.4.

Successful Farm. (Des Moines, Ia.)

Hansen, A. A.

Let us spray for weeds. Successful Farm. 26(8): 7, 18-19. illus. Ag.1928.

Tectona. (Buitenzorg)

Kalshoven, L.G.E.

De beschadigingen, ziekten en plagen van de djatibosschen op Java. Tectona. 21: 593-623. Ag. 1928. no. 8.

English summary (The pests, diseases and other injuries of the teakforests of Java): p. 622-623.

U.S. Dept. Agr. Plant Dis. Rep.

U.S. Dept. Agr. - Bur. Plant Industry.- Plant disease survey.

The plant disease reporter. Suppl. 61. Diseases of vegetable and field crops (Other than cereals) in the United States in 1927. p.223-300. Jl.1, 1928.

Valleau, W.D.

Bacterium pruni problem in Kentucky. U.S. Dept. Agr. Plant Dis.Rep. 12: 100-102. S.15, 1928. no. 9.

On peach.

Valleau, W.D.

Peach yellows and potatoes. U.S.Dept. Agr. Plant Dis. Rep. 12: 102-103. S.15, 1928. no. 9.

"Evidence highly suggestive that the yellows resulted from direct infection from potatoes."

Univ. Calif. Publ. Bot. (Berkeley, Cal.)

Belling, J.

A method for the study of chromosomes in pollen-mother-cells. Univ. Calif. Publ. Bot. 14: 293-299. S. 1928. no. 9.

Vict. Nat. (Melbourne)

Coleman, E.

Pterostylis grandiflora, R.Br. Vict. Nat. 45: 111-114. illus. Ag.1928. no.4.

Hardy, A.D.

Notes on Eucalyptus maculata, Hook. Vict. Nat. 45: 107. Ag. 1928. no.4.

Williamson, H. B.

The lilies of Victoria. (cont.) Vict. Nat. 45: 92-94. illus. Ag.1928. no.4.

Vie Agr. et Rur. (Paris)
Brétignière, L.
Quelles sont les meilleures variétés de blés d'automne. Vie Agr. et Rur. 32: 180-181. S.16, 1928. no. 38.

Zeitschr. Bot. (Jena)
Beyer, A.
Beiträge zum problem der reizleitung. Zeitschr. Bot. 20: 321-417. illus. 1928. no. 7/9.

Oberdorfer, E.
Lichtverhältnisse und algenbesiedlung im bodensee. Zeitschr. Bot. 20: 465-468. illus. 1928. no. 10/11.

Zeitschr. Pilzk. (Leipzig)
Feurich, G.
Ungarischer bovist, Bovista hungarica Holl. Zeitschr. Pilzk. 12(n.s.7): 119. Ag.1928. no.8.

Kallenbach, F.
Der grüne knollenblätterpilz, unser gefährlichster giftpilz. Zeitschr. Pilzk. 12: 121-122. pl.7. Aug.1928. no.8.
Amanita phalloides.

Kallenbach, F.
Ein interessante beschäftigung mit pilzen. Zeitschr. Pilzk. 12: 120-121. col.pl. Ag.1928. no. 8.
Boletus impolitus.

Kinzel, W.
Giftwirkung dersspeiselorchel. Zeitschr. Pilzk. 12(n.s.7): 113. Ag.1928. no. 8.
Gyromitra esculenta.

Exper. Stat. Publ.
Burger, O. F.
Report of plant pathologist [for the fiscal year ending June 30, 1927] Rep. Florida Agr. Exp. Stat. 1926/27: 62R-77R. [1928]

Hoffman, M.B. & Schlubatis, G.R.
The significance of soil variation in raspberry culture. Michigan Agr. Exp. Stat. Spec.Bull. 177. 20 p. illus. Je.1928.

Exper.Stat. Publ. (cont.)

Wells, B.W.
Department of botany. Ann. Rep. North Carolina Agr. Exp. Stat. 15(1926/27): 95-107. 1928.
Includes report of Division of plant pathology, S.G. Lehman in charge.

Blake, A.M.
Akenes of some Compositae. North Dakota Agr. Exp. Stat. Bull. 218. 19 p. illus. Ap. 1928.

Fromme, F.D.
The control of cereal smuts by seed treatment. Virginia Agr. Exp. Stat. Bull.262. 16 p. illus. Je. 1928.

New Books.

Azzi, G.
Le climat du blé dans le monde. Les bases écologique de la culture mondiale du blé. Rome, Impr. de l'Institut international d'agriculture, 1927.

Billiard,R.
L'agriculture dans l'antiquité d'après les Géorgiques de Virgile. Paris, E. de Boccard, 1928.

Bourdot, Abbé H. & Galzin, A.
Hyménomycètes de France... Sceaux, M. Bry, 1927 (Contribution à la flore mycologique de la France I)
Ouvrage publié sous les auspices de la Société. mycologique de France.

Buchanan, R.E. & Fulmer, E.I.
Physiology and biochemistry of bacteria. v.1 Growth phases; composition, and biophysical chemistry of bacteria and their environment; and energetics. Baltimore, Williams & Wilkins Co., 1928.

Chandler, W.H.
North America orchards, their crops and some of their problems. Philadelphia, Lea & Febiger, 1928.

New Books (cont.)

Clements, F.E. & Clements, E.S.
Flower families and ancestors. New York, H.W. Wilson company, 1928.

Fournier, P.
Flore complétive de la plaine francaise. Genres complexes, espèces collectivés, hybrides clasement des sous-espèces et variétés. Région parisienne, ouest, centre, nord, est. Paris, P. Lechevalier, 1928.

Gildemeister, E.
Die ätherischen öle. 3. aufl. v. 1. Miltitz bei Leipzig, Schimmel & co., 1928.

Heinricher, E.
Selektionsversuche mit atavistischer Iris 1880-1927. Jena, G. Fischer, 1928.

Holman, R.M. & Robbins, W.W.
Elements of botany... N.Y., J. Wiley & sons, 1928.

Hough, R.B.
The American woods... with text by Marjorie G. Hough..pt. XIV. Lowville, N.Y., 1928.

Johnson, A. T.
The hardy heaths and some of their nearer allies London, The Gardners' Chronicle, 1928.

Kniep, H.
Die sexualität der niederer pflanzen. Jena, G. Fischer, 1928.

Lecomte, H.
Notulae systematicae t. IV, no.3. Paris, 1927.
Lecomte, H. Le genre Viscum à Madagascar.
Gagnepain, F.Espèces nouvelles de Ficus.

Maunire, E.
Les plantes à parfums des colonies françaises. Marseille, Institut colonial, 1928.

Nadkarni, K.M.
The Indian materia medica. Bombay, 1927.

New Books. (cont.)

Plassmann, E.
Untersuchungen über den lärchenkrebs.
Neudamm, J. Neumann, 1927.

Rockwell, F.F. & Breitenbucher, W.G.
Gardening with peat moss. N.Y., Atkins & Durrow, 1928.

Sanders, St.A.
Second addenda to Sander's list of orchid hybrids 1924, 1925, 1926. Antwerp, C.G. Kohler, [1927?]

Schneidewind, W.
Die ernahrung der landwirtschaftl. kulturpflanzen... 6. neubearb. aufl. Berlin, P. Parey, 1928.

Seemann, B.C.
Introduccion a la flora del Istmo de Panama, por B. Seemann (traducido por María Luisa Moléndez y H. Pittier) Panama, Impr. nacional, 1928.

Sinclair, W.
Prickly pear as a stock food and some of its other uses. Toowoomba, Queensland, 1928.

Sorauer, P.
Handbuch der pflanzenkrankheiten v.5. Tierische schädlinge an nutzpflanzen, II, teil. Berlin, P. Parey, 1928.

Taylor, N.
A guide to the wild flowers, east of the Mississippi and north of Virginia. N.Y., Greenberg, 1928.

Troll, W.
Organisation und gesalt im bereich der blüte Berlin, J. Springer, 1928 (Monographien aus dem gesamtgebiet der wissenschaftlichen botanik I)

Reprints from Journals not yet rec'd or not available.

Blakeslee, A. F.
Genetics of Datura. Reprinted from Zeitschr. Indukt. Abstamm. u. Vererbungsl. 1(Suppl): 117-130 1928.

BOTANY
CURRENT LITERATURE

ADDITIONS TO THE BOTANICAL CATALOGUE, BUREAU OF PLANT INDUSTRY,
COMPILED FROM PUBLICATIONS RECEIVED IN THE
LIBRARY OF THE UNITED STATES DEPARTMENT OF AGRICULTURE, WASHINGTON, D. C.

Vol. 10, no.21. Oct.1-13, 1928.

Addisonia. (N.Y.)

Nothoscordium fragrans p.33-34, col.pl.433.
Monotropa brittonii. p.35-36, col.pl.434.
Gelsemium rankinii. p.37-38. col.pl.435.
Maytenus phyllanthoides. p.39-40. col.pl.436.
Bletia purpurea. p.41-42. col.pl.437.
Ipomoea macrorhiza. p.43-44. col.pl.438.
Platypus altus. p.45-46. col.pl.439.
Psychotria sulzneri. p.47-48. col.pl.440.

Agr. Gaz. N.S.W. (Sydney)

Broadfood, H. & Dwyer, R.E.P.
Pollination of Packham's Triumph pear. A preliminary report on artificial pollination tests. Agr. Gaz. N.S.W. 39: 684-690. S.1928. no.9.

Noble, R.J.
Woodiness of passion-fruit. Cause of the disease discovered. Agr. Gaz. N.S.W. 39: 681-683. Illus. S.1928. no. 9.
Disease due to the action of a virus.

Seddon, H.R. & White, H.C.
River myall or sally wattle (Accia glaucescens) Agr. Gaz. N.S.W. 39: 668-670. S.1928. No. 9.
Proved poisonous to stock.

Agr. Jour. India. (Calcutta)

McRae, W. & Subramaniam, L.S.
A further note on the mosaic disease of sugarcane. Agr. Journ. India. 23: 239-255. pl. xix-xxi. Jl. 1928. no. 4.

Sonavne, K.M.
Longevity of crop seeds. Agr. Journ. India. 23: 271-276. Jl.1928. no.4.

Amer. Fruit Grow. (Chicago)

Hedrick, U.P.
Breeding new fruit varieties. II. Amer. Fruit Grow. Mag. 48(10): 6, 14-15. illus. O. 1928.

Amer. Journ. Pharm. (Philadelphia)
Peacock, J.C. & Peacock, B.L.DeG.
Further study of the tannin of Geranium maculatum. Amer. Journ. Pharm. 100: 548-557. S.1928. no.9.

Anales Mus. Hist. Nat. Montevideo.
Herter, G.
Los dibujos de plantas de Don Dámaso A. Larrañaga. Anales Mus. Hist. Nat. Montevideo. II, 2: 409-426. port. 1928. no.4.

Animadv. Systm. Herb. Univ. Tomsk.
Krylov, P. & Ivanitskaja, A.
... A new species of Festuca. Animadv. Syst. Herb. Univ. Tomsk. 1928(1): 1-2. Ja.1928.
Festuca tristis.
Russian, Latin diagnosis.

Reverdatto, V. V.
... Contribution to a knowledge of the Siberian species of Festuca. II-IV. Animadv. Syst. Herb. Univ. Tomsk. 1928, no.3/4. 13 p. Mr./Ap. 1928.
Russian with Latin diagnosis of new species (F.recognita)

Sergievskaja, L.
... New forms of Koeleria gracilis Persoon in western Siberia. Animadv. Syst. Herb. Univ. Tomsk. 1928(1): 3-4. Ja.1928.
Russian with Latin diagnosis
Var. typica f. alpestris, var.acutifolia, var. firma, var. fucrata, var.pratensis, var.tomentosula.

Shishkin, B.K.
... Agropyrum in Altai. Animadv. Syst. Herb. Univ. Tomsk. 1928, no.2, 3 p. F.1928.
Russian with Latin diagnosis.
A. pubescens (Trin.) Schischk. comb.nov., A. krylovianum.

Ann. Agr. Exp. Stat. Chosen.
Mikera, S.
The second growth of the cotton plant. Ann. Agr. Exp. Stat. Chosen. 3: 184-187. Ap.1928. no.3.
Text in Japanese.

Ann. Carnegie Mus. Pittsb.

Brooks, B.W.

A new species of fossil hackberry (Celtis) from the "Loup Fork" miocene of Philips county, Kansas. Ann. Carnegis Mus. Pittsburgh. 18: 299-304. pl.xvii. Je.1928. no.2/4.

Celtis microdiocarpica, sp.nov.

Annuaire Univ. Sofia Fac. Agron.

Georgiev, T.

... Aperçu phytogeographique du Vitocha. Annuaire Univ. Sofia Fac. Agron. 6: 179-209. 1928.

Bulgarian.

Stojanov, N.A.

... Beitrag zur kenntnis der wiesenvegetation Bulgariens. Wiesen von Dragalevci (Bez. Sofia) Annuaire Univ. Sofia Fac. Agron. 6: 129-166. 1928.

Bulgarian with German summary.

Ann. Rep. Agr. & Hort. Res. Stat. Univ. Bristol.

Barker, B.T.P.

Investigations on the fungicidal action of sulphur. Progress report. Ann. Rep. Agr. & Hort. Res. Stat. Univ. Bristol. 1927: 72-80. [1928]

Barker, B.T.P.

The relation of scion and rootstock. I. Tree size in relation to scion and rootstock (a) The case of young trees. Ann. Rep. Agr. & Hort. Res. Stat. Univ. Bristol. 1927: 32-41. fold.pl. [1928]

Already entered from Journ. Bath & West & South Co. Soc. Agr. s.6, v.2.

Marsh, R.W. & Nattrass, R.M.

Investigations on die-back of fruit-trees I Ann. Exp. Agr. & Hort. Res. Stat. Univ. Bristol. 1927: 93-98. fold.pl. [1928]

I. A preliminary experiment and some field observations on Diaporthe perniciosa as a cause of "die-back" of plum trees.

Ann. Rep. Agr. & Hort. Res. Stat. Univ. Bristol (cont.)
National fruit and cider institute, Long Ashton.
Strawberry investigations, Progress report. Ann. Rep. Agr. & Hort. Res. Stat. Univ. Bristol. 1927: 58-71. [1928]
Already entered from Journ. Bath & West & South Agr. Soc. s.6, v.2.

Nattrass, R.M.
Further experiments on the control of American gooseberry mildew, season of 1927. Ann. Rep. Agr. & Hort. Res. Stat. Univ. Bristol. 1927: 101-103. [1928]

Nattrass, R.M.
The occurrence of Phascidiella discolor Pot. in the Bristol province. Ann. Rep. Agr. & Hort. Res. Stat. Univ. Bristol. 1927: 99-100. pl. [1928]
On apple and pear.

Nattrass, R.M.
Onion immunity trials, 1927. Ann. Rep. Agr. & Hort. Res. Stat. Univ. Bristol. 1927: 106. [1928]

Nattrass, R.M.
Report on bunt prevention trials, 1927. Ann. Rep. Agr. & Hort. Res. Stat. Univ. Bristol. 1927: 104-106. [1928]

Swarbrick, T.
Some preliminary observations upon the influence of scion variety upon the root growth of young apple trees. Ann. Rep. Agr. & Hort. Res. Stat. Univ. Bristol. 1927: 42-49. 3 pl. [1928]
Already entered from Journ. Bath & West. & South Co. Soc. Agr. s.6, v.2.

Tutin, F.
A biochemical note with respect to an apple tree affected by "silver leaf" disease. Ann. Rep. Agr. & Hort. Res. Stat. Univ. Bristol. 1927: 91-92. pl. [1928]
Affords confirmation of conclusions previously arrived at; namely, that "silver leaf" disease in apple trees is accompanied by a deficiency of pectin in the leaves.

Arch. de Bot. Caen. Bull. Mens.

Maublanc, A.

Observations sur quelques champignons du Brésil I- Arch. Bot. Caen. Bull. Mens. 2: 121-129. illus. Jl. 1928. no.7.

I. Sur un parasite des feuilles de Mikania Maireela berioides, M. melicloides, nov.comb.

Atti R. Accad. Lincei VI, Rend. Cl. Sci. Fis. Mat. e Nat. (Rome)

Barsali, E.

Contribuzione allo studio della radioscopia nei vegetali. Atti R. Accad. Lincei VI, Rend. Cl. Sci. Fis. Mat. e Nat. 7: 681-684. illus. Ap. 1928. no.8.

Francini, E.

Fenomeni di aposporia somatica, di aposporia goniale e di embrionia avventizia in "Ochna multiflora." Atti R. Accad. Lincei VI Rend. Cl. Sci. Fis. Mat. e Nat. 7: 92-95. Ja. 1928. no. 1.

Rivera, V.

Azione di forti dosi di raggi y sopra il "B. tumefaciens" Smith et Towsend.(sic) Atti R. Accad. Lincei VI Rend. Cl. Sci. Fis. Mat. e Nat. 7:867-869. My. 1928. no.10.

Savelli, R.

I "semi giganti" ed un caso di "poliendospermia" per effeto di impollinazione estranea su "Nicotiana rustica." Atti. R. Accad. Lincei VI Rend. Cl. Sci. Fis. Mat. e Nat. 7: 88-92. Ja. 1928. no.1.

Savelli, R.

Umificazione di membrane cellulari in "Beta vulgaris L." Atti R. Accad. Lincei VI, Rend. Cl. Sci. Fis. Mat. e Nat. 7: 673-676. Ap. 1928. no.8.

Beitr. Biol. Pflanz. Cohn. (Breslau)

Eisenträger, O.

Untersuchungen über die brauchbarkeit der serodiagnostik. Beitr. Biol. Pflanz. Cohn. 16: 157-216. 1928. no.2.

Münker, H.

Das vorkommen und fehlen des emodins bei den arten der gattung Aloë in hinblick auf ihre systematik mit einer ergänzenden untersuchung der aloësaftbehälter. Beitr. Biol. Pflanz. Cohn. 16: 217-266. pl. ii. 1928. no.2.

Beitr. Biol. Pflanz. Cohn. (cont.)

Niethammer, A.

Stimulationsprobleme in zusammenhang mit den inneren faktoren, die die keimung bedingen. Beitr. Biol. Pflanz. Cohn. 16: 267-350. 1928. no.2.

Biochem. Journ. (London)

Briggs, G.E. & Petrie, A.H.K.

On the application of the Donnan equilibrium to the ionic relations of plant tissues. Biochem. Journ. 22: 1071-1082. 1928. no.4.

Haynes, D. & Brown, J. W.

A method for the estimation of the salt content from the pH value of apple juice, and some comparative analyses of the mineral content of the juice and whole apple. Biochem. Journ. 22: 947-963. 1928. no.4.

Biochem. Zeitschr. (Berlin)

Fehér, D. & Sommer, G.

Untersuchungen über die kohlenstoffernährung des waldes II. Biochem. Zeitschr. 199: 253-271. Ag. 1928. no.4/3.

Meyer, R.

Ueber die abhängigkeit der anstiegstangente der N-ertragskurve von der phosphorsäuregabe bei Aspergillus niger. Ein widerspruch zum Mitscherlichschen wirkungsgesetz der wachstumsfaktoren. Biochem. Zeitschr. 199: 171-174. Ag.1928. no.1/3.

Muller, D.

Studien über ein neues enzym glykoseoxydase I- Biochem. Zeitschr. 199: 136-170. Ag.1928. no.1/3.

Niethammer, A.

Fortlaufende untersuchungen über den chemismus der angiospermensamen und die äusseren natürlichen wie künstlichen keimungsfaktoren III. Oberflächenaktive substanzen. Biochem. Zeitschr. 199: 175-185. Ag. 1928. no.1/3.

Blätt. Pflanzenb. u. Pflanzenzücht.

Zimmermann, F.

Bewährte beizmethoden und beizmittel für die herbstsaat. Blätt. Pflanzenb. u. Pflanzenzücht. 6: 84-87. S.1928. no.4.

Blumen. u. Pflanzenb. (Berlin)
Gante, Th.
Spätfrostschaden an platenen oder pilzlicher befall? Blumen u. Pflanzenbau. 43: 133-134. S.5, 1928. no.9.

Bol. Mus. Hist. Nat. Univ. Nac. Tucumán.
Zelada, F.
El fruto del quebracho blanco (Aspiderosperma quebracho, Schlecht.) Datos botánicos y quimicos. [Bol.] Mus. Hist. Nat. Univ. Tucumán. 2(2): 9 p. 4 pl. 1928.

Bol. Soc. Colombiana Cienc. Nat. (Bogota)
Toro, R.A.
Adiciones y enmiéndas a la nomenclatura vernácula y cientifica de la flora antioqueña II. Bol. Soc. Columbiana. Cienc. Nat. 17: 146-154. S.1928. no.97.

Boll. Soc. Nat. Napoli.
Augusti, S.
Ricerche sperimentali sul lichene islandico e sulle sue passibili applicazioni in tintoria I- Boll. Soc. Nat. Napoli. 39(II, 19): 207-210. Ja.1928.(Rec'd Oct.)
Cetraria islandica.

Augusti, S.
Studi e ricerche sperimentali sul Myrtus communis L. var. italica III. La concia al mirto Boll. Soc. Nat.Napoli. 39(II,19): 149-153. Ja. 1928 (Rec'd Oct.)

Fiore, M.
Dicotomia e fasciazione foliare in Scolopendrium vulgare L. Boll. Soc. Nat. Napoli. 39(II, 19): 28-58. pl.3-9. Ja.1928 (Rec'd Oct.)

Rodio, G.
Sui pigmenti delle schizoficee e sul pigmento rosso di una schizoficea. Boll. Soc. Nat. Napoli. 39(II, 19): 409-412. illus. Ja.1928 (Rec'd Oct.)
Phormidium petzii var. nigroviolacea.
Viggiani, G.
Determinazione sperimentale delle costanti ecologiche della patata. Boll. Soc. Nat. Napoli. 39(II,19): 171-194. Ja.1928 (Rec'd Oct.)

Bot. Arch. (Königsberg)

Gistl, R.
Die letzte interglazialzeit der Lüneburger heide pollenanaltyisch betrachtet. Botl Arch. 21: 648-710. Ag. 1928. no.3/4.
English abstract: p.708.

Ziegenspeck, H.
Zur theorie der bewegungs- und wachstumserscheinungen bei pflanzen. Bot. Arch. 21: 449-647. Ag.1928. no.3/4.
English abstract: p. 637-641.

Bot. Gaz. (Chicago)

Avery, G. S.
Coleoptile of Zea mays and other grasses. Bot. Gaz. 86: 107-110. illus. S.1928. no.1.

Halma, F.F. & Haas, A.R.C.
Effect of sunlight on sap concentration of citrus leaves. Bot. Gaz. 86: 102-106. S.1928. no. 1.

Harrar, E.S.
A stain combination for phloem tissues of woody plants. Bot. Gaz. 86: 111-112. illus. S.1928. no.1.

Holmes, F.O.
Accuracy in quantitative work with tobacco mosaic virus. Bot. Gaz. 86: 66-81. illus. S. 1928. no. 1.

Holmes, F.O.
Cytological study of the intracellular body characteristic of Hippeastrum mosaic. Bot. Gaz. 86: 50-58. pl. iii. S.1928. no.1.

Holmes, F.O.
Ultra-violet light photography in the study of plant virus. Bot. Gaz. 86: 59-65. illus., pl. iv. S. 1928. no.1.

Proebsting, E.L.
Further observations on structural defects of the graft union. Bot. Gaz. 86: 82-92. illus. S.1928. no.1.
Experiments on Pyrus and Prunus.

Bot. Gaz. (cont.)

Richards, O.W.
Changes in size of yeast cells during multiplication. Bot. Gaz. 86: 93-101. S.1928. no. 1.

Skutch, A.F.
Origin of endodermis in ferns. Bot. Gaz. 86: 113-114. S.1928. no.1.

Wesley, O.C.
Asexual reproduction in Coleochaete. Bot. Gaz. 86: 1-31. illus., pl. i-ii. S.1928. no. 1.

Wieland, G.R.
Certain fossil plants erroenously referred to cycadeoids. Bot. Gaz. 86: 32-49. illus. S.1928. no.1.
Williamsonia (?) hespera, sp.nov.

Bot. Tidsskr. (København)

Hansen, H. M.
Frekvensprocent og individtaethed. Bot. Tidsskr. 40: 186-192. Ag. 1928. no.3.

Hansen, H.M.
Livsform og alder. Bot. Tidsskr. 40: 193-203. Ag.1928. no.3

Mentz, A.
Erik Lindhard, 19 Juni 1873 - 15 Marts 1928. Bot. Tidsskr. 40: 228-231. port. Ag.1928. no.3.

Rosenvinge, L.K.
Wilhelm Johannsen. Bot. Tidsskr. 40: 173-185. port. Ag. 1928. no.3.

Wiinstedt, K.
Karplantevegetationen paa Brandsø Bot. Tidsskr. 40: 204-219. Ag. 1928. no.3.

Bull. Agr. Chem. Soc. Japan. (English abstracts of articles in Japanese appearing in the Journal of the Society.)

Sasaki, S.
Studies of germination of seeds I- Bull. Agr. Chem. Soc. Japan. 4: 75-77. Ap./Je. 1928. no.4/6.
I. Transformation of nitrogenous compounds during germination of soya-bean seeds.

Takahashi, T.
On the protein of the tuber of yam (Dioscoria) (?) I-II. Bull. Agr. Chem. Soc. Japn. 4: 53-55,87. Ap./Je.1928. no.4/6.
I. On the general properties of the protein of the tuber of yam. II. The form of the protein of yam.

Takahashi, T. & Asai, T.
Studies on acids formed by Rhizopus species VII. Formation of fumaric succinic and formic acids from acetic acid, free from nitrogenous matters. Bull. Agr. Chem. Soc. Japan. 4: 65-69. Ap./Je. 1928. no.4/6.

Bull. Amer. Iris Soc.

Longley, A.E.
Chromosomes in Iris species. Bull. Amer. Iris. Soc. 29: 43-54. pl. i-iii. O.1928.

Shull, J.M.
Root growth of Iris. Bull. Amer. Iris Soc. 29: 56-59. illus. O.1928.

Bull. Dept. Agr. Canada. (Ottawa)

McCallum, A.W.
Studies in forest pathology I- Bull. Dept. Agr. Canada. n.s. 1104. 25 p. pl. i-vii. 1928.
I. Decay in Balsam fir (Abies balsamea, Mill.) Red rot (Stereum sanguinolentum); feather rot (Poria subacida, probably); brown rot (Polyporus balsameus)

Bull. Imp. Inst. Gt. Brit. (London)
Tanning materials of the British Empire IV. Bull. Imp. Inst. Gt. Brit. 26: 311-320. O.1928. no.3.

Bull. Mens. Soc. Nat. Hort. France. (Paris)
Ducomet, V.
A propos de l'anthracnose du platane à Paris et dans la banlieue parisienne. Bull. Mens. Soc. Nat. Hort. France. V, 1: 379-382. Ag.1928.
Gnomia veneta = Gloeosporium nervisequum.

Calif. Dahlia News, Off. Publ. Dahlia Soc. San Francisco.
Johansen, D.A.
A freak dahlia - three on one stem. Calif. Dahlia News, Off. Publ. Dahlia Soc. San Francisco. 4: 7. illus. Ag.1928.

Johansen, D.A.
Recent work in the cause of mosaic disease and stunt in the dahlia. Calif. Dahlia News Off. Publ. Dahlia Soc. San Francisco. 4: 11-15. illus. Ag. 1928.
Reviewing work of Miss Eckerson and Miss Goldstein.

Centralbl. Bakt. Abt. II (Jena)
Bavendamm, W.
Neue untersuchungen über die levensbedingungen holzzerstörender pilz. Ein beitrag zur frage der krankheitsempfänglichkeit unserer holzpflanzen. I. Centralbl. Bakt. Abt. II, 75: 426-452. illus. S.1928. no.15/24.
I. Gasversuche.

Lundestad, J.
Ueber einige an der norwegischen küste isolierte agar-spaltende arten von meerbakterien. Centralbl. Bakt. Abt.II, 75: 321-344. illus. S.1928.

Malguth, E.
Monilia aquatilis nov.spec. als abwasserpilz. Centralbl. Bakt. Abt.II, 75: 432-437. illus. S.1928. no.15/24.

Circ. Dept. Negocios Gen. Min. Industr. Rep. Columbia.

Fungicidas e insecticidas mas usados para compatir las enfermedades de las plantas y de los insectos. Circ. Dep. Negocios Gen. Min. Industr. Rep. Columbia. 1. 8 p. Je. 1928.

Compt. Rend. Acad. Sci. Paris.
Guichard, A.
Sur l'existence de faisceaux libéro-ligneux à orientation inverse dans la feuille végétative de Cladium mariscus R. Br. Compt. Rend. Acad. Sci. Paris. 187: 509-511. illus. S.17, 1928. no.12.

Compt. Rend. Soc. Biol. Paris.

Gonçalves da Cunha, A.
Coloration vitale du vacuome dans les cellules des graines germées. Compt. Rend. Soc. Biol. Paris. 99: 941-942. S.18,1928. no.26.
Wheat during germination.

Gonçalves da Cunha, A.
Nouvelles observations cytologiques sur la germination des graines. Compt. Rend. Soc. Biol. Paris. 99: 942. S.18,1928. no.26.
Wheat during germination.

Kucera, C.
Sur la localisation des vitamines B et C dans la jeune plante. Compt. Rend. Soc. Biol. Paris. 99: 971-972. S.18,1928. no.26.

Kucera, C.
Variations de la teneuer en vitamines B et C des graines de céréales au cours de la germination Compt. Rend. Soc. Biol. Paris. 99: 967-970. S.18, 1928. no.26.

Country Life.(London)

Darlington, D.
A selection of rambler roses. Country Life. 64(Suppl.): lxxv-lxxvi. illus. S.22,1928. no.1653.

Taylor, G.C.
Naturalising bulbs. Country Life. 64(Suppl.): lxiii-lxvii. illus. S.22,1928 no.1653.

Waterer, F.G.
Hardy hybrid rhododendrons. Country Life. 64(Suppl.): lx, lxii, lxiv. illus. S.29, 1928. no.1654.

Dansk Bot. Ark. (København)

Lange, J.E.
Studies in the agarics of Denmark VIII. Volvaria, Flammula, Lactarius. Dansk Bot. Ark. v.5, no.5. 44 p. col.pl. 1928.

Deut. Landw. Presse. (Berlin)

Sappok.
Ist der flugbrand der wintergerste wirklich harmlos? Deut. Landw. Presse. 55: 521. illus. S.8, 1928. no.36.

Dokl. Akad. Nauk SSSR (Compt. Rend. Acad. Sci. URSS)
Poplavskaja, G.I.
... Contribution à la flore de la Crimée, Dokl. Akad. Nauk SSSR (Compt. Rend. Acad. Sci. URSS) A, 1928: 383-387. no. 18/19.
Russian with Latin diagnosis of new spec. (Phelipaea helenae, Scrophularia exilis, Sorbus henricae)

Fertiliser, Feeding Stuffs & Farm Supplies Journ.
Robinson, D.H.
Bunt or stinking smut. Fertilizer, Feeding Stuffs & Farm Supplies Journ. 13: 599-600. S.19, 1928. no.19.
The evolution of efficient control methods.

Formosan Agr. Rev.
Kato, S.
On the bamboos as the material plant of fibre. II. Formosan Agr. Rev. 22: 766-770. S.1928. no.9.

Suzuta, I.
On the germination power of the rice seed II. Formosan Agr. Rev. 22: 753-766. S.1928. no.9.

Fruit, Flower, & Vegw Trades Journ. (London)
Morton, J.W.
Spraying for scab. Lime sulphur and bordeaux - which is best for scab? Fruit, Flower & Vegetable Trades Journ. 54: 295. S.22, 1928. no.12.

Gard. Chron. (London)
Arnold, R.E.
Ornamental vines. Gard. Chron. III, 84: 248-249. S.29, 1928. no.2179.
Species of Vitis.

Bean, W.J.
Parasyringa sempervirens. Gard. Chron. III, 84: 251. illus. S.29,1928. no.2179.

Brown, N.E.
Mesembryanthemum (cont.). Gard. Chron. III. 84: 211-212, 253-254. illus. S.15,29, 1928. no. 2177, 2179.
Cryophytum, N.E. Br., Conicosia, Opophytum, Phyllobus, Psilocaulin, Synaptophyllum.

Gard. Chron. (cont.)

C., L.B.
Dianthus neglectus. Gard. Chron. III, 84: 252-253. S.29, 1928. no.2179.

Darnell, A.W.
The genus Primula (cont.). Gard. Chron. III, 84: 212-213, 233-234, 254. S.15,22,29, 1928. no.2177-79.

Preston, I.
Notes on some Iris sibirica crosses. Gard. Chron. III, 84: 251-252. illus. S.29, 1928. no.2179.

Ragionieri, A.
Genetics of the rose. Gard. Chron. III, 84: 209. S.15, 1928. no.2177.

Ward, F.K.
Mr. F. Kingdon Ward's tenth expedition in Asia VIII. A journey up the Dihang. Gard. Chron. III, 84: 230-232. illus. S.22,1928. no.2178.

Weston, T.A.
Antirrhinum disease. Gard. Chron. III, 84:229. S.22, 1928. no.2178.
Puccinia antirrhini.

Worsley, A.
Color variation in hybrid cacti and in some garden plants. Gard.Chron. III, 84: 234. S.22,1928. no.2178.

Worsley, A.
Hybrid cacti. Gard. Chron. III, 84: 209. illus. S.15,1928. no.2177.

Gartenfl. (Berlin)

Wehrhahn, H.R.
Hybriden der gattung Iris. Gartenflora. 77: 301-306. illus. S.1928.

Gard. Chron. (cont.)

C., L.B.
Dianthus neglectus. Gard. Chron. III, 84: 252-253. S.29, 1928. no.2179.

Darnell, A.W.
The genus Primula (cont.). Gard. Chron. III, 84: 212-213, 233-234, 254. S.15,22,29, 1928. no.2177-79.

Preston, I.
Notes on some Iris sibirica crosses. Gard. Chron. III, 84: 251-252. illus. S.29, 1928. no.2179.

Ragionieri, A.
Genetics of the rose. Gard. Chron. III, 84: 209. S.15, 1928. no.2177.

Ward, F.K.
Mr. F. Kingdon Ward's tenth expedition in Asia VIII. A journey up the Dihang. Gard. Chron. III, 84: 230-232. illus. S.22,1928. no.2178.

Weston, T.A.
Antirrhinum disease. Gard. Chron. III, 84:229. S.22, 1928. no.2178.
Puccinia antirrhini.

Worsley, A.
Color variation in hybrid cacti and in some garden plants. Gard.Chron. III, 84: 234. S.22,1928. no.2178.

Worsley, A.
Hybrid cacti. Gard. Chron. III, 84: 209. illus. S.15,1928. no.2177.

Gartenfl. (Berlin)

Wehrhahn, H.R.
Hybriden der gattung Iris. Gartenflora. 77: 301-306. illus. S.1928.

Gartenw. (Berlin)

Bornemann, F.
Pflanzenphysiologische betrachtungen zur künstlichen beregnung. Gartenw. 32: 505-506. S.14, 1928. no.37.

Fürst, L.
Schäden durch uspulun? Gartenw. 32: 506-507. S.14, 1928. no.37.

Krüger, M.
Orchideenkeimung ohne wurzelpilze. Gartenw. 32: 507-508. S.14,1928. no.37.

Pape, H.
Der rittersporrmehltau und seine bekämpfung. Gartenw. 32: 496-497. illus. S.7,1928. no.36.
Erysiphe polygoni on larkspur.

Schwantes, G.
Mesembriaceen-studien. Gartenw. 32: 514-515. illus. Sept.14, 1928. no.37.
Bolusanthemum, Herreanthus, gen. nov.

Gartenzeit. Oesterr. Gartenb.-Ges. Wien.
Ultraviolette strahlen als hilfsmittel im gartenbau. Gartenzeit. Oesterr. Gartenb.-Ges. Wien. 1928: 129-134. illus. no. 9.
Articles by Paul Kache, B. Voigtlander, Seraphile Ballan, Gustav Klein.

Hedwigia. (Dresden)

Hruby, J.
Die pilze Mährens und Schlesiens. Ein versuch der gliederung der pilzdecke dieser länder (concl.) Hedwigia. 68: 161-190. Ag.1928. no.3/4.

Petrak, F.
Mykologische beiträge zur flora von Sibirien. Hedwigia. 68: 203-241. Ag.1928. no.3/4.
Murashkinskija (n.gen., M.juniperina); Rhizocalyx (n.gens. R.abietis)

Picbauer, R.
Einige kritische Bemerkungen zu "Beitrag zur pilzflora Mährens und Schlesiens" von Dr. Johann Hruby, Brünn. Hedwigia. 68: 242-250. Ag.1928. no.3/4.

Hedwigia (cont.)
Singer, R.
Neue mitteilungen über die gattung Russula.
Hedwigia. 68: 191-202. Ag.1928. no.3/4.

Hort. Illus. (Boston)
Hatton, R.M.
Appraising the novelty roses of 1928. Hort. Illus. 6: 459-460. illus. O.1,1928. no.19.

Illus.Landw.Zeit. (Berlin)
Hanke, K.
Wie schützen wir unsere saaten vor krankheiten? Illus. Landw. Zeit. 48: 473. illus. S.14,1928. no.37.

Indische Culturen (Soerabaja)
Quanjer, H.
Nieuwe inzichten over de oorzaken van onvatbaarheid van planten voor aantasting door parasieten. Indische Culturen. 13: 804-814. S.1,1928. no.17.

Izv. Bulg. Bot. Druzh. (Bull. Soc. Bot. Bulgarie) (Sofia)
Atanasoff, D.
Mosaic disease of flower bulb plants. Izv. B'lgarsk.Bot.Druzh. (Bull.Soc.Bot.Bulgarie) 2: 51-60. 3 pl. 1928.

Degen, A.
Rosae bulgaricae a cl. Iv.K. Urumov lectae. Izv.B'garsk. Bot. Druzh.(Bull. Soc. Bot. Bulgarie) 2: 13-18. 1928.

Ivanov, I.
... Harte samen bei der einheimischen luzerne, Medicago sativa. Izv. B'lgarsk. Bot. Druzh. (Bull. Soc. Bot. Bulgarie) 2: 127-145. 1928.
Bulgarian with German summary.

Jordanov, D.
... Kleiner beitrag zur flora Bulgariens. Izv. B'lgarsk. Bot. Druzh. (Bull. Soc. Bot. Bulgarie) 2: 97-103. 1928.
Bulgarian.

Levenson, E.
... Beobachtungen über die keimfähigkeit von getreidesamen. Izv. B'lgarsk. Bot. Druzh. (Bull. Soc. Bot. Bulgarie) 2: 29-34. 1928.
Bulgarian with German summary.

Izv. Bulg. Bot. Druzh. (Bull. Soc. Bot. Bulgarie) (cont.)

Nikolov, A.
... Beitrag zur flechtenflora Bulgariens. Izv. B'lgarsk. Bot. Druzh. (Bull. Soc. Bot. Bulgarie) 2: 25-28. 1928.
Bulgarian with brief German summary.

Patev, P.
Wildfire a new tobacco disease in Bulgaria. Izv. B'lgarsk.Bot.Druzh. (Bull.Soc. Bot. Bulgarie) 2: 39-42. 1928.

Petkov, S.
... Note supplémentaire à la flore algologique du mont Vitocha et ses environs. Izv. B'lgarsk. Bot. Druzh. (Bull. Soc. Bot. Bulgarie) 2: 93-96. 1928.
Bulgarian with French résumé.

Petkov, S.
... Quelques espèces de la flore algologiques d'eau douce des environs de la ville de Costour (au N.O. de la Macèdoine grecque actuelle) Izv. B'lgarsk. Bot. Druzh. (Bull. Soc. Bot. Bulgarie) 2: 87-92. 1928.
Bulgarian with French résumé.

Širjaev, G.
De nonnullis plantis bulgaricis. (Izv. B'lgarsk. Bot. Druzh. (Bull. Soc. Bot. Bulgarie) 2: 43-44. 1928.

Stefanov, B.
Ueber einige recente und fossile eichenarten in Bulgarien. Izv. B'lgarsk. Bot. Druzh. (Bull. Soc. Bot. Bulgarie) 2: 61-86. 2 pl. 1928.

Stojanov, N., Stefanov, B. & Georgiev, T.
Für die flora Bulgariens neue und seltene pflanzen. Izv. B'lgarsk Bot. Druzh. (Bull. Soc. Bot. Bulgarie) 2: 35-37. 1928.

Stojanov, N.
Ueber die gesetzmässigkeit in der blütezeit und der verteilung von blütentypen. Izv. B'lgarsk. Bot. Druzh. (Bull. Soc. Bot. Bulgarie) 2: 105-126. 1928.

Stojanov, N.
Zum siebzigjährigen jubiläum I.K. Urumoff's Izv. B'lgarsk. Bot. Druzh. (Bull. Soc. Bot. Bulgarie) 2: 9-12. ports. 1928.

Izv. Bulg. Bot. Druzh. (Bull. Soc. Bot. Bulgarie) (cont.)

Turrill, W.B.
A preliminary account of the Bulgarian species of Veronica, section pseudolysimachium Koch. Izv. B'lgarsk. Bot. Druzh. (Bull. Soc. Bot. Bulgarie) 2: 19-24. 1928.

Uromov, Iv.K.
Neuigkeiten aus der flora Bulgariens. Izv. B'lgarsk. Bot. Druzh. (Bull. Soc. Bot. Bulgarie) 2: 45-50. 1928.

Jahrb. Wiss. Bot. (Leipzig)

Blagowestschenski, A.W.
Untersuchungen über die osmotischen werte bei pflanzen mittel-Asiens. Jahrb. Wiss. Bot. 69: 191-236. Ag. 1928. no.2.

Brieger, F.
Untersuchungen uber die wasseraufnahme ganzer pflanzen. Jahrb. Wiss. Bot. 69: 295-330. Ag.1928. no.2.

Geiger, M.
Beitrag zur kenntnis der physiologie keimender samen I- Jahrb. Wiss. Bot. 69: 331-356. Ag. 1928. no.2.
I. Einfluss der quellungsbedingungen auf den gasaustausch.

Herzfeld, S.
Ueber die kernteilungen im proembryo von Ginkgo biloba. Jahrb. Wiss. Bot. 69: 264-294. illus. Ag. 1928. no. 2.

Meyer, F.J.
Die begriffe "stammeigene bündel" und "blattspurbündel" im lichte unserer heutigen kenntnisse vom aufbau und der physiologischen wirkungsweise der leitbündel. Jahrb. Wiss. Bot. 69: 237-263. illus. Aug.1928. no.2.

Japanese Journ. Chem.

Kawamura, J.
Ueber die chemischen bestandteile der frucht von Ginkgo biloba I- Japanese Journ. Chem. 3: 89-92. 1928. no. 2.

Yahagi, T.
The origin of camphor in camphor trees. Japanese Journ. Chem. 3: 109-129. illus., plates. 1928. no.3.

Journ. Agr. Res.
Dietz, S.M.
, Inheritance of resistance in oats to Puccinia graminis avenae. Journ. Agr. Res. 37: 1-23. illus. Jl.1, 1928 (Rec'd O.5) no. 1.

Journ. Dept. Agr. So. Australia. (Adelaide)
Samuel, G.
Two "stunting" diseases of wheat and oats. Journ. Dept. Agr. South Austral. 32: 40-43. illus. Ag.1928. no.1.
Nematode disease probably due to species of Aphelenchus; fungus disease due to species of Rhizoctonia.

Journ. For. (Wash., D.C.)
Detwiler, S. B.
The Cinderella of conservation. Journ. For. 26: 618-623. My.1928 (Rec'd Oct.) no.5.
Pest and disease control.

McLaughlin, R.P.
Some woods of the Magnolia family. A key to their structural identification. Journ. For. 26: 665-677. My. 1928 (Rec'd Oct.) no.5.

Journ. Indian Chem. Soc.
Roy, A.C. & Dutt, S.
Constitution of the active principle of chita I- Journ. Indian Chem. Soc. 5: 419-424. Ag. 1928. no.4.
Chita or chitraka, used medicinally, is the root of three species of Plumbago, P. rosea, P. zeylanica & P. europaea; the active principle is plumbagin.

Journ. Indian Inst. Sci. (Madras)
Varadaraja Iyengar, A.V.
Contributions to the study of spike-disease of sandal (Santalum album, Linn.) I-II. Journ. Indian Inst. Sci. 11A: 97-102, 103-109. 1928.
II. Analysis of leaves from healthy and spiked trees. III. Physico-chemical study of the leaf-sap.

Journ. Malayan Br. Roy. Asiatic Soc.
Carr, C.E.
Orchid pollination notes. Journ. Malayan Br. Roy. Asiatic Soc. 6: 49-73. pl. v-xvii. Mr. 1928. no. 1.

Journ. Malayan Br. Roy. Asiatic Soc. (cont.)
Dixon, H.N.
Spolia mentawiensia; musci. Journ. Malayan Br. Roy. Asiatic Soc. 6: 23-24. Mr.1928. no. 1.

Holttum, R.E.
Spolia mentawiensia: pteridophyta. Journ. Malayan Br. Roy. Asiatic Soc. 6: 14-23. pl. iv. Mr. 1928. no. 1.

Journ. Nat. Inst. Agr. Bot. (Cambridge)
Salaman, R.N.
Report of the potato synonym committee on the potatoes sent for immunity trials to the potato testing station, Ormskirk, Lancashire, 1927. Journ. Nat. Inst. Agr. Bot. 2(1): 49-55. 1928.

Journ. Roy. Micr. Soc. (London)
Cook, W.R.I. & Price, I.R.
The effect of aeration and light on the development of the zoosporangia in the genus Cladophora. Journ. Roy. Micr. Soc. III, 48: 274-282. illus., 4 pl. S.1928. no.3.

Journ. Soc. Agr. & For. Sapporo, Japan.
Tatewaki, M.
List of the plants collected on Mt. Tossô in southern Saghalien. Journ. Soc. Agr. & For. Sapporo, Japan. 19: 616-651. Ag.1928. no.89.

Journ. Washington Acad. Sci.
Berry, E.W.
A palm fruit from the miocene of western Panama. Journ. Washington Acad. Sci. 18: 455-457. illus. O.4,1928. no.16.
Palmocarpon geonomoides, n.sp.

Landtm. Tids. Landtm. (Stockholm)
Tullgren, Alb.
Potatisålen i skåne och möjligheterna att bekämpa densamma. Landtm. Tidskr. Landtm. 11: 764-766. illus. S.29,1928. no. 39.

Maine Naturalist (Augusta, Me.)
Pitman, H.
Some interesting plants at Orr's Island.
Maine Nat. 8: 83-84. 1928. no. 3.

Malayan Tin & Rubber Journ. (Ipak, Perak, Fed. Malay St.)
Ashplant, H.
Amazing Hevea discovery. Is there a giant species. A French "Wickham" exploit. Malayan Tin & Rubber Journ. 17: 981-982. Ag.31,1928. no.16.
Refers to report that Mr. H. Ashplant has discovered method whereby the potential latex yielding properties of rubber trees can be ascertained when plants are no more than six years old. Also the report in regard to "black" and "white" rubber trees, the latter being giants trees with a greater yield of latex.

Matieres Grass. (Paris)
Pieraerts, J., Ipatieff, N. & Simar, E.
Contribution á l'etude chimique des Malvales II (cont.) Une bombacée interessante: Le Pachira aquatica Aubl. Sa signification á titre d'oléagineux. Matiéres Grass. 20: 8279-8280. S.15, 1928. no.245.

Meded. Phytop. Labor. Willie Comm. Scholt. (Baarn)
Beijma Thoe Kingma, F. H. van.
Ueber das vorkommen von Penicillium corymbiferum Westling auf tulpenzwiebeln. Meded. Phytop. Labor. Willie Comm. Scholt. 12: 28-30. S. 1928.

Beijma Thoe Kingma, F.H. van.
Ueber ein kartoffelfäule verursachendes Verticillium, Verticillium foëxii nov.spec. Meded. Phytop. Labor. Willie Comm. Scholt. 12: 31-35. illus. S. 1928.

Luijk, A.van.
Variation sstatische untersuchungen an ustilagineen. Meded. Phytop. Labor. Willie Comm. Scholt. 12: 36-52. S. 1928.
Untersuchungen an Tilletia tritici.

Westerdijk, J. & Beyma Thoe Kingma, F. H.van.
Die Botrytis-krankheiten der blumenzwiebelgewächse und der paeonie. Meded. Phytop. Labor. Willie Comm. Scholt. 12: 1-27. plates. S. 1928.
Botrytis tulipae, B. narcissicola, B. galanthina, B. hyacinthi (n.sp.), B. polyblastis, B. olliptica, B.paeoniae.

Meded. Rijks Herb. Leiden

Suringar, J. V.

Personal ideas about the application of the international rules of nomenclature, or, as with rules themselves, international deliberation II. Some denominations of dicotyledonous trees and shrubs species, with a retrospection and a set of propositions on the nomenclature-rules. Meded. Rijks. Herb. Leiden. 56. 77 p. illus. 1928.

Missouri Bot. Gard. Bull. (St.Louis)

A notable native plant. Missouri Bot. Gard. Bull. 16: 93-94. pl.28. S.1928. no. 7.
Sabatia angularis.

A rare Panamanian orchid. Missouri Bot. Gard. Bull. 16: 96-97. pl.29-30. S.1928. no. 7.
Acineta chrysantha.

Sumac lemonade. Missouri Bot. Gard. Bull. 16: 94-96. pl.29. S. 1928. no. 7.

Nat. Hort. Mag. (Wash., D.C.)

Correvon, H.

The fernery. Nat. Hort. Mag. 7: 139-146. Oct.1928.
Transl. from his "Les plantes des montagnes et des rochers", 1914.

Dorsett, P.H.

Chinese Sacred Lilies in Pekin. Nat. Hort. Mag. 7: 147-148. illus. O.1928. no.4.

Duffy, S.R.

Perennial asters and sunflowers. Nat. Hort. Mag. 7: 131-138. illus. O.1928. no.4.

Fox, H.M.

About garden books old and new. Nat. Hort. Mag. 7: 121-130. illus. O.1928. no.4.

National Republic.

Coville, F. V.

Our national herbarium. National Republic. 16(6): 23, 58. illus. O.1928.
Illus also on p.47, 48.

Naturforsch. (Berlin)
Stursberg, H.
Vorkommen von Linaria alpina in 4200 m höhe.
Naturforsch. 5: 281-282. S.1928. no. 6.

New Jersey Agr. (New Brunswick)
Martin, W. H.
Avoiding the damping off disease. New Jersey Agr. 10(10): 16. O.1928.

New Zeal. Journ. Agr. (Wellington)
Campbell, J.A.
Cracking of Dunn's and Cox's orange apples. New Zeal. Journ. Agr. 37: 85-86. Ag.1928. no. 2.
Cause undetermined.

Neill, J. C.
Survey of diseases of cereals in New Zealand. New Zeal. Journ. Agr. 37: 89-93. Ag.1928. no. 2.

Paynter, L.
Bordeaux and lime-sulphur sprays. Comparative test in Canterbury orchard. New Zeal. Journ. Agr. 37: 124-126. Ag.1928. no. 2.

Notes R. Bot. Gard. Edinb.
Dandy, J. E.
New or noteworthy Chinese magnolieae. Notes R. Bot. Gard. Edinburgh. 16: 123-132. pl.ccxxvi. Je.1928. no. 77.
Magnolia forrestii, Manglietia moto, M. rufibarbata, Michelia fallax, M. szechuanica, sp.nov.

Evans, W. E.
Briggsia kurzii (Clarke) W.E. Ev. comb.nov. Notes R. Bot. Gard. Edinburgh. 16: 133-134. Je. 1928. no. 77.

Evans, W. E.
Note on Coluria longifolia Maxim. Notes R. Bot. Gard. Edinburgh. 16: 134. Je.1928. no. 77.

Handel-Mazzetti, H.
A revision of the Chinese species of Lysimachia, with a new system of the whole genus. Notes R. Bot. Gard. Edinburgh. 16: 51-122. Je.1928. no. 77.

Ochrana Rostlin (Prague)

Blattny, C.
Padlim jablonovým (Podósphaera leucotricha Salm.) vyvolané chorobné změny. Ochrana Rostlin. 8: 91-93. illus. Ag.1928. no.4.
Powdery mildew of apples.

Blunck, G.
Prispevok k otázce morení osiva za sucha. Ochrana Rostlin. 8: 97-103. Ag. 1928. no.4.
Fungicides.

Buchta, F.
Skodlivé následky zimných mrazov v dendrologii. Ochrana Rostlin. 8: 80-87. Ag.1928. no. 4.
On weather injury of trees.

Říha, J.
Ochrana bramboru v dobé vegetace. Ochrana Rostlin. 8: 94-97. illus. Ag.1928. no. 4.
Control of potato diseases.

Tomsa, K.
Fusariosní infekce semene cibule kuchynské a následná tracheomykosa (chorobné vadnutí) Ochrana Rostlin. 8: 73-79. illus. Ag.1928. no.4.
On the Fusarium disease of the onion.

Pacific Rural Press (San Francisco)

Duruz, W.P. & Kendrick, J.B.
Fall spraying against peach rust. Pacific Rural Press. 106: 349. O.6, 1928. no. 14.

Perfum. & Essent. Oil Rec. (London)

The myrtle in the perfumer's art. Perfum. & Essent. Oil Rec. 19: 384-386. illus. S.1928. no. 10.

Philipp. Agr. (Los Banos)

Pantaleon, F. T.
Effects upon rice plants of changing the moisture content of soil. Philipp. Agr. 17: 173-185. S.1928. no. 4.

Philipp. Journ. Sci. (Manila)

Kienholz, R.
Environmental factors of Philippine beaches with particular reference to the beach at Puerto Galera, Mindoro. Philipp. Journ. Sci. 36: 199-211. Je. 1928. no.2.

Phytopath. (Lancaster,Pa.)

Barrus, M. F. & Horsfall, J. G.
Preliminary note on snowberry anthracnose. Phytopath. 18: 797-801. pl. xvi-xvii. S.1928. no.9.
Sphaceloma symphoricarpi, n.sp.

Cunningham, H. S.
A study of the histologic changes induced in leaves by certain leaf-spotting fungi. Phytopath. 18: 717-751. illus. S.1928. no. 9.

Faris, J. A.
Three Helminthosporium diseases of sugar cane. Phytopath. 18: 753-774. illus., pl. xv (col.) S. 1928. no. 9.
Helminthosporium ocellum, n.sp.

Lee, H.A. & McHargue, J. S.
The effect of a manganese deficiency on the sugar cane plant and its relationship to Pahala blight of sugar cane. Phytopath. 18: 775-786. illus. S. 1928. no. 9.

Narasimhan, M.J.
Notes on the occurrence of intracellular bodies in spike disease of sandal (Santalum album, Linn.) Phytopath. 18: 815-817. illus. S. 1928. no. 9.

Peterson, P.D. & Johnson, H. W.
Powdery mildew of raspberry. Phytopath. 18: 787-796. illus. S. 1928. no. 9.
Sphaerotheca humuli.

Stevens, N.E. & Bain, H.F.
Storage rots of cranberries in the 1927 crop. Phytopath. 18: 809-814. S. 1928. no. 9.

Wright, W.H. & Skoric, V.
The demonstration of bacteria in plant tissues by means of the Giemsa stain. Phytopath. 18: 803-807. illus., pl. xviii. S. 1928. no. 9.

Plant. & Sugar Manuf. (New Orleans)

Bonazzi, A.
Studies in sugar cane physiology; germination gradients (concl.) Plant. & Sugar Manuf. 81: 244-245, 259-260. S.29, 1928. no. 13.

Planta, Arch. Wiss. Bot. (Berlin)

Jensen, P. B.
Ueber neue apparate zur messung der kohlensäure-assimilation, der respiration, der öffnungsweite der spaltöffnungen und der beleuchtungsstärke. Planta, Arch. Wiss. Bot. 6: 456-472. illus. S. 1928. no. 3.

Junker, H. & Wieben, M.
Weitere ergebnisse über die wirkung extremer potentzverdünnungen auf organismen. Versuche mit pilzen. II teil. Die mycelbildung von soor. Planta Arch. Wiss. Bot. 6: 473-481. illus. S.1928. no.3.
Monilia candida.

Mevius, W.
Die wirkung der ammoniumsalze in ihrer abhängigkeit von der wasserstoffionenkonzentration. Planta, Arch. Wiss. Bot. 6: 379-455. illus. S. 1928. no. 3.

Söding, H.
Untersuchungen an Aspergillus niger über das Mitscherlich-Bauleschen wirkungsgesetz der wachstumsfaktoren. Planta, Arch. Wiss. Bot. 6: 482-509. S. 1928. no. 3.

Stephan, J.
Der einfluss von lichtqualität und- quantität (einschliesslich utralrot) auf das wachstum der brutkörper von Marchantia polymorpha. Planta, Arch. Wiss. Bot. 6: 510-518. illus. S.1928.

Pomol. Franç. (Villefranche, France)

Maag, R.
Etude sur les traitements des arbres fruitiers en hiver, par des pulvérisations au carbolineum soluble et à la bouillie sulfocalcique. Pomol. Franç 1928: 164-168.Ag.1928. no. 8.

Prace Wydz. Chor. Rośl. Państw. Inst. Nauk-Roln. w Bydgoszczy.

Garbowski, L. & Leszczenko, P.
Próby stosowania środków ochronnych przeciw grzybkom pasorzytniczym i szkodliwym owadom (Essais de fungicides et d'insecticides) Prace Wydz. Chor. Rośl. Państw. Inst. Nauk-Roln. w Bydgoszczy. 5: 19-22. 1928.
Polish with French résumé.

Garbowski, L. & Leszczenko, P.
Wyniki trzyletnich prób z zaprawianiem pszenicy przeciw śnieci cuchnacej, Tilletia tritici Winter (Résultats des essais faits pendant trois ans consécutifs concernant le traitement) du blé de semence contre la carie, Tilletia tritici Wint.) Prace Wydz. Chor. Rośl. Państw. Inst. Nauk-Roln. w Bydgoszczy. 5: 1-18. 1928.
Polish with French résumé.

Leszczenko, P.
Stujda nad działaniem roztworów soli, ługów i kwasów na zarodniki niektórych grzybków chorobotwórczych (Studies on the action of solutions of salts, alkalies, and acids on the spores of some pathological fungi. Prace Wydz. Chor. Rośl. Państw. Inst. Nauk-Roln. w Bydgoszczy. no. 6. 37 p. 1928.
Polish with English summary.

Prakt. Blätt. Pflanzenb. u. Pflanzensch. (Freising)

Korff, G. & Böning, K.
Bericht über das auftreten von krankheiten und schädlingen an landwirtschaftlichen kulturpflanzen im Juli 1928. Prakt. Blätt. Pflanzenb. u. Pflanzensch. 28: 144-146. S. 1928. no. 6.

Pratsa Navk. Tavar. pa Vyvuch. Belarusi (Arb. Gelehr. Ges. Erforsch. Weissruth.)

Denissov, S.N.
... Unkraut wachstum und fruchtfolge (nach beobachtungen, angestelt im Mai-Juli 1925 auf dem Stebutschen versuchsfelde. Pratsa Navk. Tavar. pa Vyvuch. Belarusi (Arb. Gelehr. Ges. Erforsch. Weissruth) 4: 29-34. 1927 (Rec'd Ag.1928)
Whito Russian with German summary.

Pratsa Navk. Tavar. pa Vyvuch. Belarusi (Arb. Gelehr. Ges. Erforsch. Weissruth.) (cont.)

Gancharyk, M.

... Weissruthenische benennungen der pflanzen. Pratsa Navk. Tavar. pa Vyvuch. Belarusi (Arb. Gelehr. Ges. Erforsch. Weissruth) 2: 194-216. 1927; 4: 1-28. 1927.(Rec'd Ag. 1928)

Scientific names eith equivalents in White Russian, systematically arranged.

Nesterchuk, G.I.

... Schädlinge der holzarten im der verschiedenen anpflanzungen des Gorkischen versuchreviers der Gorkischen forstei des Orschaschen bezirks im jahre 1926. Pratsa Navk. Tavar. pa Vyvuch. Belarusi (Arb. Gelehr. Ges. Erforsch. Weissruth.) 4: 65-89. illus. 1927. (Rec'd Ag.1928)

White Russian with German summary.

Proc. & Trans. Bengal Agr. Intell. Club.

Banerji, K.C.

Chlorosis on jute. Proc. & Trans. Bengal Agr. Intell. Club. 1923/24: 14-19. 1928.

Kar, P.C.

A short note on the general characteristics of fungi. Proc. & Trans. Bengal Agr. Intell. Club. 1923/24: 91-94. pl. 1928.

Proc. Imp. Acad. Tokyo.

Ikeno, S.

Ueber einen fall des dominanzwechsels bei einem bastard von Capsicum annuum. Proc. Imp. Acad. Tokyo. 4: 400-403. Jl.1928. no. 7.

Kataoka, T.

On the anthocyanin pigments of morning glory II. Proc. Imp. Acad. Tokyo. 4: 389-392. Jl. 1928. no. 7.

Komuro, H.

Ueber den unterschied zwischen den röntgengeschwülsten und den nebenwurzeln, die in den aus bestrahlten Vicia faba - samen hervorgegangenen wurzeln gebildet sind. Proc. Imp. Acad. Tokyo. 4: 404-407. illus. Jl.1928. no. 7.

Proc. Nat. Acad. Sci.

Johansen, D. A.

The hypostase: its presence and function in the ovule of the Onagraceae. Proc. Nat. Acad. Sci. 14: 710-713. S. 1928. no. 9.

Proc. Ohio State Hort. Soc.

Ballou, F.H. & Lewis, I.P.

Spraying and dusting experiments of 1926. Proc. Ohio State Hort. Soc. 60(1927): 59-75. 1928

Practically the same as Ballou's "Recent developments in spraying and dusting apple orchards" in Trans. Illinois State Hort. Soc. 61st.

Progr. Agr. & Vitic. (Montpellier)

Ravaz, L.

Court-noué sur l'Othello. Progr. Agr. et Vitic. 90: 271-272. Sept.16, 1928. no. 38.

Ravaz, L. & Verge, G.

La vigne en 1926, maladies, accidents divers, coulure, sécheresse, etc.(cont.) Progr. Agr. & Vitic. 90: 282-286. S. 16, 1928. no. 38.

Publ. Puget Sound Biol. Sta. (Seattle, Wash.)

Bohart, R.M.

Bibliography of marine bacteria. Publ. Puget Sound Biol. Stat. 5:309-318. Ag.15,1928.

Chamberlain, C.J.

Microtechnique for marine algae. Publ. Puget Sound Biol. Stat. 5: 319-324 Ag.15,1928.

Quart. Rev. Biol. (Baltimore)

Farr, C.H.

Root hairs and growth. Quart. Rev. Biol. 3: 343-376. illus. S.1928. no.3.

Rec. Trav. Bot. Néerl. (Amsterdam)

Arisz, W.H.

On the formation of new rubber in the latex-vessels of Hevea. Rec. Trav. Bot. Néerl. 25A: 1-24. F.1928.

Rec. Trav. Bot. Néerl.(cont.)

Boedijn, K. B.
Chromosomen und pollen der oenotheren.
Rec. Trav. Bot. Néerl. 25A: 25-35. F.1928.

Bos, H.
Beobachtung und versuch. Rec. Trav. Bot. Néerl. 25A: 36-49. F. 1928.

Botke, J.
Undurchlässige horizonte im boden und die pflanze pflanzenvegetation. Rec.Trav. Bot. Néerl. 25A: 50-57. F. 1928.

Bremekamp, C.E.B.
On pseudodichotomy in Aloë transvaalensis O. Ktze. Rec. Trav. Bot. Néerl. 25A: 58-81. illus., pl. i. F.1928.

Bremer, G.
Chromosomal mutations in Saccharum. Rec. Trav. Bot. Néerl. 25A: 82-91. illus., pl. ii-iii. F.1928.
Saccharum spontaneum (of Java) "glagah tabongo".

Costerus, J.C.
Spurious biastrepsis in Taxus baccata. Rec. Trav. Bot. Néerl. 25A: 92-98. pl.iv. F.1928.

Garjeanne, A.J.M.
Entwicklungsänderungen bei lebermoosen. Rec. Trav. Bot. Néerl. 25A: 115-121. pl.v. F.1928.

Goebel, K.
Ueber die einwirkung des lichtes auf die flächentwicklung der farnprothallien. Rec. Trav. Bot. Néerl. 25A: 122-128. F.1928.

Haan, H. de.
Virescence and proliferation in Helenium autumnale and their cause. Rec. Trav. Bot. Néerl. 25A: 129-137. illus., pl.vi. F.1928.

Heimans, J.
Chromosomen und befruchtung bei Lilium martagon. Rec. Trav. Bot. Néerl. 25A: 138-167. illus., pl. vii. F.1928.

Rec. Trav. Bot. Néerl. (cont.)

Honing, J.A.
A tomato mutant. Rec. Trav.Bot. Néerl. 25A: 168-171. pl. viii. F. 1928.

Hunger, F.W.T.
Le cocotier spicifère, considéré comme race héréditaire. Rec. Trav. Bot. Néerl. 25A: 172-176. pl.ix. F. 1928.

Janse, J.M.
Eine bemerkung zur blattstellungsfrage. Rec. Trav. Bot. Néerl. 25A: 177-184. F.1928.

Jeswiet, J.
Immunity and cross-fertilization in the genus Saccharum. Rec. Trav. Bot. Néerl. 25A: 185-202. F. 1928.
Cross-fertilization with immune, wild-growing, sugarless Sacch. spontaneum L. has produced new strong, immune types with a much higher production.

Jochems, S.C.J.
Die verbreitung der rafflesiaceen-gattung Mitrastemon. Rec. Trav. Bot. Néerl. 25A: 203-207. pl.x-xi. F.1928.

Koopmans-Forstmann, D. & Koopmans, A. N.
Beitrag zur kenntniss der verbreitung der laubmoose in der Niederländischen Provinz Friesland. Rec. Trav. Bot. Néerl. 25A: 208-236. F. 1928.

Leliveld, J. A.
Some remarks on the cytology of Oenothera. Rec. Trav. Bot. Néerl. 25A: 237-243. illus. F. 1928.

Posthumus, O.
Dipteris novo-guineensis, ein "lebendes fossil". Rec. Trav. Bot. Néerl. 25A: 244-249. illus. F. 1928.
Dipteris novo-guineensis, n.spec.

Quanjer, H.M.
Bridging hosts. Rec. Trav. Bot. Néerl. 25A: 250-259. F. 1928.
With particular reference to nematodes & bacteria.

Rec. Trav. Bot. Néerl. (cont.)

Sauvageau, C.
Sur les algues phéosphorées à éclipse ou éclipsiophycées. Rec. Trav. Bot. Néerl. 25A: 260-270. F. 1928.

Schoute, J. C.
Ueber die morphologie der heterostylie, insbesondere nei Lythrum salicaria. Rec. Trav. Bot. Néerl. 25A: 271-340. F. 1928.

Schweizer, J.
Ueber knospenvariationen bei Hibiscus rosa sinensis. Rec. Trav. Bot. Néerl. 25A: 341-345. pl. xii. F. 1928.

Scott, D. H.
Notes on paleozoic botany, 1907-1927. Rec. Trav. Bot. Néerl. 25A: 346-385. F. 1928.

Sirks, M.J.
Zertationsversuche mit erbsen. Rec. Trav. Bot. Neerl. 25A:386-394. F. 1928.

Stomps, T.J.
Ueber die mutationsfähigkeit der Oenothera lamarckiana mut. velutina (blandina) Rec. Trav. Bot.Néerl. 25A: 395-408. F. 1928.

Tammes, T.
Ranunculus arvensis nanellus. Rec. Trav. Bot. Néerl. 25A: 409-415. illus., pl. xiii-xv. F. 1928.

Thellung, A.
Die übergangsformen vom wildhafertypus (Avenae agrestes) zum saathafertypus (Avenae sativae) Rec. Trav. Bot. Néerl. 25A: 416-444. F. 1928.

Uittien, H.
Ueber eine abweichende form von Anthriscus sylvestris Hoffm. Rec. Trav. Bot. Néerl. 25A: 445-451. illus., pl. xvi. F. 1928.

Verdoorn, Fr.
Ueber Frullania nervosa Mt. und einige andere lebermoose. Rec. Trav. Bot. Néerl. 25A: 452-460. illus. F. 1928.

Weevers, Th.
Die ergebnisse einiger ringelungs-versuche und ihre bedeutung für die stoffwanderung. Rec. Trav. Bot. Néerl. 25A: 461-474. F. 1928.

Rec. Trav. Bot. Néerl. (cont.)

Went, F.W.
Die erklärung des phototropischen krümmungsverlaufs. Rec. Trav. Bot. Néerl. 25A: 483-489. F. 1928.

Went, F.A.F.C.
Die verbreitung der podostemonaceen in Ost-Asien. Rec. Trav. Bot. Néerl. 25A: 475-482. F. 1928.

Zollikofer, C.
Ueber dorsiventralitätskrümmungen bei keimlingen von Panicum und Sorghum und den einfluss der koleoptile auf das mesokotylwachstum. Rec. Trav. Bot. Néerl. 25A: 490-504. F. 1928.

Rep. Bot. Soc. & Exch. Club Brit. Isles.

Britton, C.E.
Veronica anagallis L. and V. aquatica Bernh. Rep. Bot. Soc. & Exch. Club Brit. Isles. 1927: 548-550. Ag. 1928. no.1.

Chase, C.D.
Botanising in Majorca. Rep. Bot. Soc. & Exch. Club. Brit. Isles. 1927: 551-553. Ag. 1928. no. 1.

Druce, G.C.
British plants contained in the DuBois herbarium at Oxford, 1690-1723. Rep. Bot. Soc. & Exch. Club Brit. Isles. 1927: 463-493. Ag. 1928. no. 1.
Collection of Charles Du Bois, 1656-1740.

Druce, G.C.
A visit to the Canaries. Rep. Bot. Soc. & Exch. Club Brit. Isles. 1927: 539-548. Ag. 1928. no. 1.

Jaquet, F.
Some English Alchemillas. Original descriptions amd distribution in the region of the Swiss flora. Rep. Bot. Soc. & Exch. Club Brit. Isles. 1927: 517-526. Ag. 1928. no.1.

Melville, R. & Smith, R.L.
Adventive flora of the Metropolitan area. Recent adventives on London rubbish. Rep. Bot. Soc. & Exch. Club Brit. Isles. 1927: 444-454. pl.iv. Ag.1928.

Rep. Bot. Soc & Exch. Club Brit. Isles. (cont.)

Pearsall, W. H.
Sagina reuteri Boiss. Rep. Bot.Soc. & Exch. Club Brit.Isles. 1927: 460-462. Ag. 1928. no. 1.

Ronniger, K.
The distribution of Thymus in Britain. Rep. Bot. Soc. & Exch. Club Brit. Isles. 1927: 509-517. Ag. 1928. no. 1.

Stephenson, T.
Orchid-hunting in France. Rep.Bot. Soc. & Exch. Club Brit. Isles. 1927: 493-498. Ag. 1928. no. 1.

Turrill, W. B.
The flora of St. Kilda. Rep. Bot. Soc. & Exch. Club Brit. Isles. 1927: 428-444. Ag. 1928. no. 1.

Watson, W.
Some Kent and Surrey brambles. Rep. Bot. Soc. & Exch. Club Brit. Isles. 1927: 499-508. Ag. 1928. no. 1.

Wolley-Dod, A.
Notes on Rosa. Rep.Bot. Soc. & Exch. Club Brit. Isles. 1927: 533. Ag. 1928. no. 1.

Rep. Dept. Agr. Bermuda.

Ogilvie, L.
Report of the plant pathologist for the year 1927. Rep. Dept. Agr. Bermuda. 1927: 26-37. 1928.

Rev. Agric. Ile Réunion (Saint-Denis)

A propos des maladies de la canne a sucre a la Réunion. Rev. Agr.Ile Réunion. II, 6: 229-234. Jl. 1928. no. 7.

Rev. Chil. Hist. Nat.

Acevedo, R.
Sobre el género Lathyrus L., en Chile. Rev. Chilena Hist. Nat. 31: 123-126. 1928.

Espinosa Bustos, M. R.
Nota preliminar sobre una excursión botánica a las roblerias de Caleu y de Vichiculén. Rev. Chilena Hist. Nat. 31: 291-292. 1928.

Rev. Chil. Hist. Nat. (cont.)

Espinosa Bustos, M.R.
Notas botánicas. Rev. Chilena Hist. Nat. 31: 150-157. illus. 1928.
I. La polinización de la Helodea potamogeton. (Bert.) II. El género Alisma en Chile.

Gigoux, E.E.
Plantas industriales del Valle de Copiapó. Rev. Chilena Hist. Nat. 31: 282-287. 1928.

Gunckel, H.
Notas botanicas. Rev. Chilena Hist. Nat. 31: 86-89, 116-117. 1928.
II. Sobre la distribución geográfica de la Calceolaria punctata Vahl. var. puncticulata (Pihl) Reiche. III. Sobre el cambio del nombre cientifico de una especie chilena de género Libertia. IV. Sobre Solanum palustre Poepp.

Herrera, F. L.
Las filicineas del departamento del Cuzco (Perú) Rev. Chilina Hist. Nat. 31: 59-66. illus. 1928.

Looser, G.
Nothofagus, Cyttaria y Myzodendron en el Cerro del Roble (Prov. de Santiago). Rev. Chilena Hist. Nat. 31: 288-290. 1928.

Looser, G.
La zarzamora (Rubus ulmifolius Schott) en Juan Fernández. Rev. Chilena Hist. Nat. 31: 84-85. 1928.

Porter, C.E.
El Doctor Carlos Skottsberg. Rev. Chilena Hist. Nat. 31: 280-281. port. 1928.

Porter, C. E.
El Prof. Marcial R. Espinosa B. Rev. Chilena Hist. Nat. 31: 203-205. port. 1928.
Galeria de naturalistas de Chile XXXII.

Scala, A.C.
La propagación de las semillas en la Cyclanthera nystrix Arn. Rev. Chilena Hist. Nat. 31: 293-306. illus. 1928.

Thériot, I.
Le genre Funaria au Chili. Rev. Chilena Hist. Nat. 31: 30-37. illus. 1928.

Rev. Chil. Hist. Nat. (cont.)

Theriot, I.

Mousses récoltées dans l'ile Más a Tierra (Juan Fernandez) en 1927, por M. Gualterio Looser. Rev. Chilena Hist. Nat. 31: 256-259. illus. 1928.

Urban, O.

Estudios sobre la biologia de algunas plantas endémicas. Rev. Chilena Hist. Nat. 31: 41-52. illus. 1928.

1. Tropaeolum speciosum. 2. Alstroemeria aurantiaca. 3. Leptocarpha rivularis.

Rev. Hort. (Paris)

Cochet-Cochet, Ch.

Rose Oeillet de Saint-Arquey (chinensis). Rev. Hort. 100: 227-228. S.16,1928. no. 9.

Guillaumin, A

Les cactées, principales espéces (cont.) Rev. Hort. 100: 232-234. illus. Sept. 16,1928. no. 9.

Laplace, F.

Les Haemanthus (concl.) Rev. Hort. 100: 221-225. illus. S.16, 1928. no.9.

Lesourd, F.

Les plus gros arbres de France I. Feuillus (cont.) Rev. Hort. 100: 225-227. illus. S.16,1928. no.9.

Meunissier, A.

Clerodendron fallax. Rev. Hort. 100: 228-229. col.pl. S.16, 1928. no. 9.

Rhodesia Agr. Jour. (Salisbury)

Hopkins, J.C.F.

Precautionary measures against tobacco diseases. Rhodesia Agr. Journ. 25: 1009-1010. S. 1928. no. 9.

Walters, J.A.T.

Witch weed or rooibloem (Striga lutea). A serious menace of maize. Rhodesia Agri Journ. 25: 1035-1039. plates. S.1928. no. 9.

Rhodora (Boston)

Fernald, M.L.

The North American species of Anemone Anemonanthea. Rhodora. 30: 180-188. S.1928. no.357.

Rhodora. (cont.)

Fernald, M.L.
Panicum longifolium in Massachusetts.
Rhodora. 30: 190-191. S. 1928. no.357.

Weatherby, C.A.
A variety of Hypericum canadense. Rhodora.
30: 188-190. illus. S.1928. no.357.
Hypericum canadense var. magninsulare, n.var.

Wiegand, K.M.
Aster lateriflorus and some of its relatives.
Rhodora. 30: 161-179. Sept.1928. no.357.
Aster ontarionis, sp.nov.

Riv. Patol. Veg.(Pavia)

Arnaudi, C.
Nuove esperienze sulla vaccinazione delle
piante. Riv. Patol. Veg. 18: 161-168. Jl./Ag.
1928. no.7/8.

Brega, C.
Ulteriori osservazioni sopra L'influenza della
semina sullo sviluppo della ruggini dei cereali.
Riv. Patol. Veg. 18: 153-160. Jl./Ag. 1928. no.7/8.

Cappelletti, C.
Massaria mori J. Miyake parassita del gelso ed
il suo ciclo evolutivo. Riv. Patol. Veg. 18:
133-151. Jl./Ag.1928. no. 7/8.
Fusarium moricolum, Dendrophoma moricola, spp.n.

Science. (Lancaster, Pa.)

Shimek, B.
The prairies again. Science. 68: 321-323.
O.5,1928. no.1762.

Sci. Rep. Tohoku Imp. Univ. 1. Ser. Math., Physics, Chem.

Fukuda, M.
The constituents of Typha angustata, Bory. et
Chaub. Sci. Rep. Tohoku Imp. Univ. 1. Ser. Math.
Physics, Chem. 17: 711-717. Je.1928. no.3.

Scient. Agr. (Ottawa)

Garber, R.J., Giddings, N.J. & Hoover, M.M.
Breeding for disease resistance with parti-
cular reference to the smut of oats. Scient. Agr.
9: 103-115. O.1928. no. 2.

Scient. Amer. (N.Y.)
Finn, O. B.
The brace and bit plant. The seed of the bizarre Colorado grass automatically bores its way deep into the soil. Scient. Amer. 139: 426-427. illus. N. 1928. no.5.
Erodium sp.

Scott. Journ. Agr. (Edinburgh)
Hill, A.
Trials of weed-killers on garden paths at Craibstone. Scott. Journ. Agr. 11: 2034-2099 Ap. 1928. no. 2.

Soil Sci. (Baltimore)
Sideris, C.P. & Krauss, B.H.
Water relations of pineapple plants. Soil Sci. 26: 305-314. pl. 1. O. 1928. no.4.

South African Gard. (Johannesburg)
Bolus, L.
South African succulents: Mesembrianthemum and allied genera - Ruschia, Carpobrotus, Trichodiadema, Sceletium, Schwantesia. South African Gard. 18: 279. illus. S.1928. no.9.

Brown Afrikander (Gladiolus maculatus, Sweet) South African Gard. 18: 268. illus. (col.) S. 1928. no. 9.

So. African Sugar Journ.
McClean, A.P.D.
Mosaic disease of sugar cane with special reference to its eradication in Natal. South African Sugar Journ. 12: 483-489. A.1928. no.8.

Special Crops (Skaneateles, N.Y.)
Whetzel, H. H.
Ramularia rust of ginseng. Special Crops. n.s., 27: 235-236. S.1928. no. 313.

Trans. Roy. Soc. So.Afr.
Pillans, N. S.
The African genera and species of Restionaceae. Trans.Roy. Soc. So. Africa. 16: 207-440. Jl. 1928. no.3/4.

Trans. Roy. Soc. So. Austr.

Black, J.M.
Additions to the flora of South Australia.
no.25. Trans.Roy. Soc. So. Austr. 51: 378-385.
D.1927 (Rec'd S.1928)

Chapman, F.
On a new genus of calcareous algae, from the lower cambrian (?) west of Wolltana, South Australia.
Trans. Roy. Soc. So. Austr. 51: 123-125. D.1927.
(Rec'd S.1928)
Mawsonella n.g. (M.wooltanensis)

Cleland, J.B.
Australian fungi: notes and descriptions
no.6. Trans. Roy. Soc. So.Austr. 51: 298-306.
1927. (Rec'd S.1928)
Agaricaceae

Cleland, J.B. & Black, J.M.
An enumeration of the wascular plants of Kangaroo Island. Trans. Roy. So.Austr. 51: 24-61.
D.1927 (Rec'd S.1928)
Orchids by R.S. Rogers.

Cleland, J.B.
Notes on a collection of Australian Myxomycetes. (Identified by Miss Gulielma Lister). Trans. Roy. Soc So.Austr. 51: 62-24 D.1927 (Rec'd S.1928)

Macklin, E.D.
A revision of the "distyla complex" of the gunus Casuarina. Trans. Roy. Soc. So. Austr. 51:257-286. illus., pl.xiii. D.1927 (Rec'd S.1928)
C.striata, C. pusilla, n.spp.; C. paludosa, var. robusta n.var.

Rogers, R.S.
Contributions to the orchidology of Australia.
Trans. Roy. Soc. So.Austr. 51: 1-13, 291-297.
D.1927(Rec'd S.1928)

Trop. Agr. (Ceylon) (Peradeniya)
The bunchy-top disease of plantains. Trop.Agr. Ceylon. 71: 65-66. Aug.1928. no.2.

Small, W.
Further notes on Rhizoctonia bataticola (Taub.) Butler. Trop. Agr. Ceylon. 71: 77-80. Ag. 1928. no.2.
Mycological notes (14)

Trudy Sibirsk. Inst. Sel'sk. Khoz. i Lesnov. (Trans. Siberian Inst. Agr. & For. Omsk)

Murashinsky, K.E.

... Effect of source of origin of Tilletia Britici and T. livis on susceptibility of wheat to bunt. Trudy Sibirsk. Inst. Sel'sk Khoz. i lesnov. (Trans. Siberian Inst. Agri.& For. Omsk) 9: 221-228. 1928.

Russian (English abstract in Rev. Appl. Mycol. 7: 343. 1928)

Murashkinsky, K.E. & Ziling, M.K.

... Fungi nonnulli novi asiatici. Trudy Sibirsk. Inst. Sel'sk. Khoziaiastva i Lesnov. (Trans. Siberian Inst. Agr.& For. Omsk) 8:25-27. illus. 1927; 9: 229-235. illus. 1928.

Dothideodiplodia n.gen. (D.agropyri); Pseudopolystigmina, n.gen. (P. spiraeicola)

Vict. Nat. (Melbourne)

Barrett, C.

"Ant-house" plants and their tenants. Vict. Nat. 45:133-137. illus. S.1928. no. 5.

Myrmecodia sp.

Williamson, H. B.

The lilies of Victoria V. Vict. Nat. 45: 138-141. illus. S.1928. no. 5.

Welsh Journ. Agr. (Cardiff, Wales)

Davies, D.W.

"Finger and toe" experiments in Mid-Wales involving the use of resistant varieties of swedes. Welsh Journ. Agr. 4: 295-303. Ja.1928 (Rec'd Oct.)

Preston, N.C.

Experiments on the control of finger and toe in cabbages by the use of mercuric chloride and other substances. Welsh Journ. Agr. 4: 280-295. Ja.1928 (Rec'd Oct.)

Zapiski Semenoved. (Ann. Essais Semences Leningr.)

Kamenskii, K. V.
... Anatomische unterschiede der samen der cuscutaarten. Zapiski Semenoved. (Ann. Essais Semences Leningr.) 6: 117-121. 1928.
Russian with German summary.

Poptsov, A.
... The swelling and germination of the seeds of Abutilon avicennae Gaertn. Zapiski Semenoved.(Ann. Essais. Semences Leningr.) 6: 81-193. illus. 1928.
Russian with English summary.

Ryzhov, N.I.
... Détermination de la faculté germinative des graines de Phacelia tanacethifolia (!) dans les conditions du laboratoire. Zapiski Semenoved. (Ann. Essais Semences Leningr.) 6: 104-110. 1928.
Russian with French résumé.

Ryzhov, N.I.
... Sur la méthode de la détermination de la faculté germinative des graines d'épinard (Spinacia oleracea L.) Zapiski Semenoved. (Ann. Essais Semences Leningr.) 6: 111-116. 1928.
Russian with French résumé.

Trinkler, V. V.
... Ueber die bestimmung des wassergehaltes in samen mittels der trocknungsméthode. Zapiski Semenoved. (Ann. Essais Semences Leningr.) 6: 3-80. 1928.
Russian with German summary.

Zeitschr. Indukt. Abstamm. u. Vererbungsl.

Karpechenko, G.D.
Polyploid hybrids of Raphanus sativus L. x Brassica oleracea L. (On the problem of experimental species formation). Zeitschr. Indukt. Abstamm. u. Vererbungsl. 48: 1-85. illus., 3 pl. 1928. no.1.

Mol, W.E.de.
Zusammenfassung der zytologischen und genetischen ergebnisse des versuchs zur duplizierung und quadruplizierung von sexualkernen bei hyazinthen und tulpen. 8-jährige beobachtungen, 1919-1927. Zeitschr. Indukt. Abstamm. u. Vererbungsl. 48: 145-148. 1928. no. 1.

Zeitschr. Naturwissensch. (Halle)
Schmid, G.
Linné und Leysser. Zeitschr. Naturwissensch. 88: 191-266. 1928. no.6.

Zeitschr. Pflanzenernähr. Düng. u. Bodenk. B., Wirtsch.-Prakt. Teil.
Lemmermann, O. & Hasse, P.
Für oder wider das wirkungsgesetz der wachstumsfaktoren. Zeitschr. Pflanzenernähr., Düng. u. Bodenk. B. Wirtsch.-Prakt. Teil. 7: 352-361. Ag. 1928. no.8.

Mitscherlich, A.
Für oder wider das wirkungsgesetz der wachstumsfaktoren. Zeitschr. Pflanzenernähr. Düng. u. Bodenk. B. Wirtsch.-Prakt. Teil. 7: 345-352. Ag. 1928. no. 8.

Riede, W.
Die bedeutung der elektrizität für das pflanzenwachstum. Zeitschr. Pflanzenernähr. Düng. u. Bodenk. B, Wirtsch.-Prakt. Teil. 7: 362-369. Ag. 1928. no. 8.

Zeitschr. Pflanzenzucht. (Berlin)
Raum, H.
Vergleichende morphologische sortenstudien an getreide (Winterweizen und hafer) Zeitschr. Pflanzenzücht. 13: 203-245. S.1928. no.4.

Zeitschr. Sukkulentk. (Berlin)
Bödeker, F.
Echinocactus ritterii Böd. sp.n. Zeitschr. Sukkulentk. 3: 305-306. illus. S. 1928. no. 14.

Schwantes, G.
Mesembrianthema moniliformia. Zeitschr. Sukkulentk. 3: 319-322. S.1928. no.14.
Mitrophyllum, Conophyllum (gen.nov.) Meyerophytum.

Zhurn. Opytn. Agron. (Russ. Journ. Exp. Agr.)
Diakonov, N.A.
... Zur frage der bestimmung des verhältnismässigen fasergehalts im lein nach äusseren morphologischen kennzeichen. Zhurn. Ophytn. Agron. (Russ. Journ. Exp. Agr.) 24: 5-25. 1928.
Russian with German summary.

Exper. Stat. Publ.

Cooper, J.R.
A study of the effect of commercial fertilizers on the performance of apple trees. Arkansas Agr. Exp. Stat. 227. 61 p. Je. 1928.

Biekart, H.M.
Narcissus for garden and home. New Jersey Agr. Exp. Stat. Circ. 204. 26 p. illus. Ag. 1928.

Shoemaker, J. S.
Fruit varieties in Ohio III. Damson plums. Ohio Agr. Exp. Stat. Bull. 426. 22 p. illus. S. 1928.

Locklin, H.D.
The relation of season of pruning out old Cuthbert raspberry canes to amount of winter injury. Washington Agr. Exp. Stat. Bull. n.s., 9W. 12 p. Jl.1928.

Odland, T.E.
The inheritance of rachilla length and its relation to other characters in a cross between Avena sativa and Avena sativa orientalis. West Virginia Agr. Exp. Stat. Bull.219. 55 p. illus. My.1928.

State Publications.

Brown, T.A.
Flowering bulb culture in Florida. Univ. Florida Agr. Ext. Div. Bull.48. 36 p. illus. Je.1928.

Kirby, R.S.
Control of stinking smut of wheat. Pennsylvania State Coll. Sch. Agr. & Exp. Stat. Div. Agr. Ext. Circ. 117. 12 p. illus. Ap.1928.

New Books

Barrett, O. W.
The tropical crops. N.Y., Macmillan, 1928.

Britton, N.L. & Rose, J.N.
Mismosaceae (cont.) North American flora. v.23, pt.2. S.25, 1928.

New Books (cont.)

Clos, E.C
Estudio botánico de los tréboles de olor (Melilotus Juss.) espontanéous y cultivados en la Argentina. Buenos Aires, 1928.

Goebel, K.E.
Organographie der pflanzen insbesondere der archegoniaten und samenpflanzen. 3. umgearb. aufl. 1.-teil. Jena, G.Fischer, 1928.

Grey, E. C.
The food of Japan. Geneva, 1928 (Publ. League of nations III, Health, 1928, III,2)

Haas, P. & Hill, T. G.
An introduction to the chemistry of plant products. vol.1. 4th ed. London, Longmans, 1928.
V.1. Of the nature and significance of the commoner organic compounds of plants.

Hawks, E.
Pioneers of plants study. London, Sheldon press,1928.
This book was originally planned, and some parts of it written, in collaboration with the late G.S. Boulger.

Lindman, C.A.M.
Illustrerad skol- och exkursionsflora över Sveriges karlvaxter. Stockholm, P.A. Norstedt, 1928.

Philosophical institute of Canterbury, New Zealand.
Natural history of Canterbury. Christchurch, N.Z., 1927.
The history of botanical research in Canterbury; The botany of the Canterbury foothills; The botany of Banks peninsula. By R. M. Laing.
The vegetation of Canterbury plain, by L. Cockayne.
Alpine and sub-alpine flora, by A. Wall.
Mosses and ferns, by H.H. Allan.

Reinheimer, H.
Evolution and symbiosis. London, Grevett & Co., 1928.

New Books (cont.)

Rohde, E.S.
Garden-craft in the Bible and other essays. London, H.Jenkins, 1927.
"Garden-craft in the Bible" is only the first chapter; the others deal with gardens of various periods and miscellaneous garden topics.

Turin. R. osservatorio di fitopatologia - Laboratorio sperimentale.
Il laboratorio sperimentale e il R. osservatorio di fitopatologia di Torino. A ricordo del XXV anno ki fondazione (1903-04 - 1927-28) Torino, Tip. Palatina di G. Bonis, 1928.

Wherry, E.T.
Wild flowers of Mount Desert Island, Maine. Lancaster, Pa., Published by the Garden Club of Mount Desert, Jl.1928.

Reprints from Journals not yet rec'd or not available.

Voglino, P.
Funghi parassiti delle piante da frutta studiati nel 1927. Reprinted from Ann. Acad. Agr. Torino. 70(1927): 1-8. 1928.

Translations available in the Bur. of Plant Industry Library.

Daumézon, G.
Sur une maladie bacterienne de la carotte (A bacterial disease of the carrot) Ann. Serv. Epiph. 6: 327-330. 1919.

Duriez,
Une maladie nouvelle de la carotte (A new disease of the carrot.) Rev. Hort. 98:276-277. 1926.

Rozhdestvensky, N.A.
A summary of the present knowledge of ergot. Mater. Mikol. i Fitopat. (Mater. Mycol. & Phytopath.) 6: 123-165. 1927.
Origin in Russian.

Translations (cont.)

Rozsypal, J.

Ein beitrag zum zweifelhaften parasitismus der nematoden-gattung Cephalobus (A contribution to the doubtful parasitism of the nematode genus Cephalobus) Fortschr. Landw. 1: 470-476. 1926.

Shitikova-Rusakova, A.A.

The question of how rust infection is introduced into the Amur region. Mater. Mikol. i Fitopat. (Mater. Mycol. & Phytopath.) 6: 13-47 1927.

Original in Russian.

Tanaka, T.

Note sur l'orange unshu du Japon (Note on the unshu orange of Japan) Rev.Bot. Appl. 8: 167-168. F.1928.

BOTANY
CURRENT LITERATURE

ADDITIONS TO THE BOTANICAL CATALOGUE, BUREAU OF PLANT INDUSTRY,
COMPILED FROM PUBLICATIONS RECEIVED IN THE
LIBRARY OF THE UNITED STATES DEPARTMENT OF AGRICULTURE, WASHINGTON, D. C

LIBRARY
RECEIVED
NOV 13 1928
U. S. Department of Agriculture

Vol. 10, no.22. Oct. 15-27, 1928.

Acta Bot. Bohemica. (Praze)

Domin, K.
Introductory remarks to the fifth International phytogeographic excursion (I.P.E.) through Czecho-Slovakia. Acta Bot. Bohemica. 6/7: 3-76. 1928.

Domin, K.
The relation of the Tatra Mountain vegetation to the edaphic factors of the habitat. A synecological study. Acta Bot. Bohemica. 7/8: 133-164. 1928.

Podpěra, J.
Die vegetationsverhältnisse der Pollauer Berge. Ein beitrag zur pflanzengeographie Mährens. Acta Bot. Bohemica. 6/7: 77-132. plates. 1928.

Acta Hort. Berg.

Fries, R. E.
Zur kenntnis der compositen des tropischen Ostafrika. Acta Hort. Berg. 9: 109-164. 10 pl. 1928. no.6.

Heilborn, O.
Taxonomical and embryological notes on Carica. Acta Hort. Berg. 9: 105-108. illus. 1928. no.5.
Carica baccata, nov.sp.

Agr. Journ. Brit. Guiana.

Huggins, H.D.
Pollination and crop production (concl.) Agr. Journ. Brit. Guiana. 1: 164-169. S.1928. no.3.

Amer. Flor.(Chicago)

Laurie, A.
Diagnosing greenhouse ills. A discussion of the pests and diseases affecting greenhouse plants and how to eradicate them. Amer. Flor. 71(2106): 7, 33. O.13, 1928.

Amer. Journ. Bot.

Bartholomew, E. T.
Internal decline (endoxerosis) of lemons V. Concerning the comparative rates of water conduction in twigs and fruits. Amer. Journ. Bot. 15: 497-508. O.1928. no. 8.

Gilbert, F.A.
Observations on the feeding habits of the swarm cells of myxomycetes. Amer. Journ. Bot. 15: 473-484. pl. xxx-xxxi. O. 1928. no. 8.

Karling, J. S.
Studies in the chytridiales III. A parasitic chytrid causing cell hypertrophy in Chara. Amer. Journ. Bot. 15: 485-496. illus., pl. xxxii. O. 1928. no. 8.
Organism not named.

Meyer, B. S.
Seasonal variations in the physical and chemical properties of the leaves of the pitch pine, with especial reference to cold resistance. Amer. Journ. Bot. 15: 449-472. O.1928. no.8.
Pinus rigida.

Amer. Midl. Nat. (Notre Dame, Ind.)

Bush, B.F.
Some species of Saxifraga. Amer. Midl. Nat. 11: 213-235. S.1928. no.5.

Harbison, T.G.
Notes on the genus Hydrangea. Amer. Midl. Nat. 11: 255-257. S.1928. no.5.
H. arborescens var. australis n.var., H. ashei n.sp.

Rickett, H. W.
A list of plants from the Missouri Ozarks. Amer. Midl. Nat. 11: 247-254. S. 1928. no.5.

Ann. Jard. Bot. Buitenzorg.

Veh, R.von.
Beitrag zur kenntnis der Anisophyllum-euphorbiaceen und einige vergleichende und entwicklungsgeschichtliche untersuchungen über die drüse des Cyathiums. Ann. Jard. Bot. Buitenzorg. 38: 131-162. pl. xiii-xxi. 1928. no.2.

Ann. Rep. Dept. Agr. Kenya.
McDonald, J.
Annual report of the mycologist for 1927.
Ann. Rep. Dept. Agr. Kenya. 1927: 225-230. 1928.

Ann. Rep. Dept. Agr. Uganda Prot. (Kampala)
Hansford, C.G.
Annual report of the government mycologist for the period Oct.11th, 1926 to Dec.31st, 1927.
Ann. Rep.Dept. Agr. Uganda Prot. 1926/27: 37-42. 1928.

Arch. de Bot. Caen Mém.
Potier de la Varde, R.
Mousses de l 'Oubangui. Arch. de Bot. Caen Mém. 1(3). 152 p. illus., 4 pl. [1928]

Arch. Protistenk. (Jena)
Braunholz, K.
Ueber die physiologische bedeutung des hautgewebes der höheren pilze. Arch. Protistenk. 63: 261-321. illus. S.1928. no.3.

Raichel, B.
Ueber den einfluss osmotisch wirksamer mittel auf die bakterienzelle. Arch. Protistenk. 63: 333-361. pl.12. S.1928. no.3.

Bergcultures (Batavia)
Tengwall, T.A.
Proeven met verstuiving van zwavelpoe- der vanuit vliegmachines ter bestrijding van meeldauw bij Hevea. Bergcultures. 3: 251-254. S.8, 1928. no. 10.

Ber. Deut. Chem. Ges.(Berlin)
Freudenberg, K., Harder, M. & Markert, L.
Bemerkungen zur chemie des lignins. Ber. Deut. Chem. Ges. 61: 1760-1765. S.1928. no.8.
VII. Mitteilung über lignin und cellulose.

Spath, E. & Hromatka, O.
Ueber alkaloide von Corydalis cava XIII. Die synthese des d-corytuberin-dimethyläthers.
Ber. Deut. Chem. Ges. 61: 1692-1698. S.1928. no.8.

Ber. Deut. Chem. Ges. (cont.)

Spath, E., Leithe, W., & ladeek, F.
Ueber curare-alkaloide I- Ber. Deut. Chem. Ges. 61: 1698-1709. S.1928. no.8.
I. Die konstitution des curins.

Biol. Rev. & Biol. Proc. Cambridge Phil. Soc.

Priestley, J.H.
The meristematic tissues of the plant. Biol. Rev. & Biol. Proc. Cambridge Phil. Soc. 3: 1-20. illus. Ja.1928(Rec'd Oct.) no.1.

Senn, G.
The assimilation of the molecular nitrogen of the air by lower plants, especially by fungi. Biol. Rev. & Biol. Proc. Cambridge Phil. Soc. 3: 77-91. Ja.1928(Rec'd Oct.) no.1.

Boll. R. Staz. Patol. Veg. Roma. (Firenze)

Mencacci, M.
Trattamenti dei semi di grano, Avena ed orzo con uspulun, germisan, kalimat e abavit. Boll. R. Staz. Patol. Veg. Roma. n.s.,6: 221-225. Ap./Je.1928. no.2.

Mercuri, C.
Un'esperienza sopra l'azione dei prodotti del l'estratto del micelio di "Rosellinia necatrix" sopra le radici di vite. Boll. R. Staz. Patol. Veg. Roma. n.s., 6: 194-199. Ap./Je.1928. no.2.

Petri, L.
Il "mal secco" dei limoni in rapporto all'incoltura. Boll. R. Staz. Patol. Veg. Roma. n.s.,6: 216-221. illus. Ap./Je. 1928. no.2.

Petri, L.
L'omotallismo e l'eterotallismo sessuale dei funghi in rapporto alla patologia vegetale. Boll. R. Staz.Patol. Veg.Roma n.s., 6: 123-162. Ap./Je. 1928. no. 2.

Petri, L.
Primi risultati delle colture sperimentali per tenatre la produzione in Italia di patate da seme di origine tedesca ed olandese. Boll. R. Staz. Patol. Veg. Roma. n.s., 6: 200-208. illus. Ap./Je.1928. no.2.

Boll. R. Staz. Patol. Veg. Roma. (cont.)
Petri, L.
Sopra le radiazioni mitogenetiche del Gurwitsch. Boll. R. Staz. Patol. Veg. Roma. n.s., 6: 180-188. illus. Ap./Je.1928. no.2.

Pulselli, A.
Un grave caso di tracheomicosa del carciofo. Boll. R. Staz. Patol. Veg. Roma. n.s., 6: 189-193. Ap./Je. 1928.

Sibilia, C.
Influenza di estratti fungini sopra la fruttificazione di funghi parassiti. Boll. R. Staz. Patol. Veg. Roma. n.s., 6:174-180. Ap./Je. 1928. no.2.

Sibilia, C.
La soda caustica nella fitoterapia. Boll. R. Staz. Patol. Veg. Roma. n.s., 6: 208-215. illus. Ap./Je. 1928. no.2.

Bot. Jahrb. Engl. (Leipzig)
Ihering, H.von.
Die phyto-geographischen grundgesetze (cont.) Bot. Jahrb. Engler. 62: 129-154. S.1928. no.2.

Jüssen, F. J.
Die haploidgeneration der araceen und ihre verwertung für das system. Bot. Jahrb. Engler. 62: 155-192. pl. xiv-xxi. S.1928. no.2.

Pieper, W.
Vorarbeiten zu einer revision der afrikanischen Vitex-arten mit berücksichtigung der übrigen (cont.) Bot. Jahrb. Engler 62(Beibl.142): 17-91. pl. xi-xiii. S.1928. no.2.

Bull. Misc. Inform. Kew.(London)
Fischer, C.E.C.
Contributions to the flora of Burma VI. Bull. Misc. Inform. Kew. 1928: 332-336. no.8.

Howes, F.N.
The banana in some tropical eastern countries - its forms and variations. Bull. Misc. Inform. Kew. 1928: 305-332 pl. iii-ix. no.8.

Bull. Sci. Pharm. (Paris)

Crouy, L.

Etude botanique, chimique et pharmacodynamique de la tanaisie commune "Tanacetum vulgare" L. Bull. Sci. Pharm. 35: 481-486. Ag./S.1928. no.8/9.

Guillaume, A.

Influence de certains engrais et agents chimiques sur le poids de récoltes et la teneur en alcaloïdes dans la culture d'une légumineuse: le lupin (cont.) Bull. Sci. Pharm. 35: 495-499. Ag./S.1928. no.8/9.

Bull. Soc. Bot. Genève.

Beauverd, G.

Franz Stephani (15 avril 1842 - 23 février 1927) Bull. Soc. Bot. Geneve. II, 19: 334-343. port. 1928. no.2.

Index chronologique des publications hépaticologiques de F. Stephani: p.340-343.

Chodat, F.

L'atmométrie et les formations végétales. Mesures atmométriques faites au Jardin Alpin de la Linnaea (Bourg.-St.-Pierre, Alpes Suisses). Bull. Soc. Bot. Genève. II, 19: 214-233. illus. 1928. no.2.

Eig, A.

Notes sur le genre Aegilops. Bull. Soc. Bot. Genève. II, 19: 322-333. illus. 1928. no.2.

Gustave Henri Bonati (Strasbourg 21 novembre - Lure 2 février 1927) Bull. Soc. Bot. Genève. II, 19: 366-368. 1928. no.2.

Liste des travaux botaniques de G. Bonati: p.367-368.

Lendner, A.

Une nouvelle espèce de mucorinée, le Cunninghamella blakesleeana Lendner. Bull. Soc. Bot. Genève. II, 19: 234-238. illus. 1928. no.2.

Bull. Soc. Bot.Genève. (cont.)

Marca, A. A.
Contribution à l'étude de la flore bactérienne du lac de Genève. Bull. Soc. Bot. Genève. II, 19: 239-272. 1928. no.2.

Privat, E.
Contribution a l'étude des levures du Lac du Genève. Bull. Soc.Bot. Geneve. II, 19; 282-321. pl. 1928. no.2.

Zender, J.
x Nigritella bernardensis. Bull. Soc. Bot. Genève. II, 19: 273-279. illus. 1928. no.2.

Bull. Soc. Dendrol. France. (Paris)

Nakai, T.
Une nouvelle systématique des salicacées de Corée. Bull. Soc. Dendr. France. 66: 37-51. My. 1928.

Bull. Soc. Mycol. France. (Paris)

Boursier, J. & Kühner, R.
Notes sur le genre Inocybe. Bull. Soc. Mycol. France. 44: 170-189. illus. Ag.1928. no. 2.

Codina, J.
Empoisonnement collectif par l'Amanita phalloides- Bull. Soc. Mycol. France. 44: 217-220. Ag. 1928. no.2.

Gilbert, E.
Notules sur les amanites IV.ser. Bull. Soc. Mycol. France. 44: 155-169. Ag.1928. no.2.

Gilbert, E. & Kühner, R.
Recherches sur les spores des amanites. Bull. Soc. Mycol. France. 44: 149-154. Ag.1928. no.2.

Josserand, M.
Projection de spores chez une agaricacée. Bull. Soc, Mycol. France. 44: 208-209. Ag. 1928. no.2.
Collybia clavus.

Bull Bull. Soc. Mycol. France. (cont.)

Melzer, V. & Zvara, J.
Russula sardonia Fr. Bull. Soc. Mycol. France. 44: 190-193. pl. viii. Ag.1928. no.2.

Moreau, F. & Moreau, Mme. F.
A propos de la signification du podetion des Cladonia. Reponse a M. Choisy. Bull. Soc. Mycol. France. 44: 206-207. Ag.1928. no.2.

Nicolas, G. & Aggery, Mlle.
Note sur deux Phyllosticta parasites de plantes ornementales. Bull. Soc. Mycol. France. 44: 210-214. illus. Ag.1928. no.2.
Phyllosticta daphniphylli, P. fici-elasticae, nov.sp.

Nicolas, G. & Aggery, Mlle.
Observations sur deux champignons de l'Agave americana L. Bull. Soc. Mycol. France. 44: 215-216. Ag.1928. no.2.
Coniothyrium concentricum, var.agaves cause of disease; Stagnonospora macrospora, a saprophyte.

Werner, R.G.
Etude biologique et physiologique du Celidium stictarum (De Not) Tul. Bull. Soc. Mycol. France. 44: 194-205. pl. ix-x. Ag.1928. no.2.

Calif.Citrogr. (Los Angeles)

Johnson, E.
Use of chemicals in weed control. Calif. Citrogr. 14: 5, 14. illus. N.1928. no. 1.

Webber, H.J.
Notes on the history of citrus varieties. Calif. Citrogr. 14: 36-39. illus. N.1928. no.1.

Calif. Cult. (Los Angeles)

Day, L.H.
Treating pear blight cankers. Calif. Cult. 71: 388-389. O.20, 1928. no.16.

Compt. Rend. Acad.Sci. Paris.

Bordas, J. & Joesse, P. H.
Sur l'action reductrice exercee par des champignons des genres Fusarium et Verticillium, parasites des vaisseaux du bois. Compt.Rend. Acad. Sci. Paris. 187: 574-576. O.1, 1928. no.14.

Compt. Rend. Acad. Sci. Paris. (cont.)

Bridel, M. & Grillon, S.
Le glucoside a salicylate de methyle du Gaultheria procumbens L. est le monotropitoside. Compt. Rend. Acad. Sci. Paris. 187: 609-611. O.8,1928. no. 15.

Dostal, R.
Sur les organes reproducteurs de Caulerpa prolifera. Compt. Rend. Acad. Sci. Paris. 187: 569-571. O.1, 1928. no.14.

Guichard, A.
Origine, parcours et torsion des faisceaux libero-ligneux inverses du Cladium mariscus R.Br. Compt. Rend. Acad. Sci. Paris. 187: 567-569. illus. O.1, 1928. no.14.

Guillaumin, A.
Le maintien des graines dans un milieu prive d'oxygene comme moyen de prolonger leur faculte germinative. Compt. Rend. Acad. Sci. Paris. 187: 571-572. O.1, 1928. no.14.

Remy, L.
Influence de l'ovule feconde sur les tissus du fruit. Compt. Rend. Acad. Sci. Paris. 187: 565-567. O.1, 1928. no. 14.

Remy,L.
Mutation en mosaique. Compt. Rend. Acad. Sci. Paris. 187: 607-609. O.8, 1928. no.15.

Wunschendorff, & Killian, Ch.
Observations sur le metabolisme de l'Ustulina vulgaris L. Compt. Rend. Acad. Sci. Paris. 187: 572-574. O.1, 1928. no. 14.

Country Life. (London)

Bunyard, E.A.
Ornamental crab apples. Country Life. 64 (Suppl.): cxxviii, cxl. illus. O.13, 1928. no.1656.

Curiamo Piante (Milan)

Ferraris, T.

Il seccume delle foglie di cavolfiore. Curiamo Piante. 6: 168-170. illus. S.1928. no.9.

Alternaria brassicae.

Ecology (Brooklyn, N.Y.)

Bryan, K.

Change in plant associations by change in ground water level. Ecology. 9: 474-478. O. 1928. no.4.

Cowles, H.C.

Persistence of prairies. Ecology. 9: 380-382. O.1928. no.4.

Johnson, D.S. & Skutch, A.F.

Littoral vegetation on a headland of Mt.Desert Island, Maine. III, Adlittoral or nonsubmersible region. Ecology. 9: 429-448. pl. xxi-xxiii. O.1928. no.4.

Robertson, C.

Flowers and insects XXV. Ecology. 9: 505-526. O.1928. no.4.

Wherry, E.T. & Capen, R.G.

Mineral constituents of Spanish-moss and ball-moss. Ecology. 9: 501-504. O.1928. no.4.

Tillandsia usneoides, T. recurvata.

Wilson, J.D.

A quick-reading atmometer; its use in detecting small variations in rate of air movement. Ecology. 9: 412-420. illus. O.1928. no.4.

Wolcott, G.N.

Increase of insect transmitted plant disease and insect damage through weed destruction in tropical agriculture. Ecology. 9: 461-466. O.1928. no.4.

Espana Forestal (Madrid)

Gonzalez Vazquez, E.

El arbol solitario de elche. Espana Forestal. 13: 129-131. pl. S.1928. no.149.

Populus illicitana.

España Forestal. (cont.)

Podhorsky, J.

El pino de Córcega (P. laricio, var. poiretiana, Ant.) España Forestal. 13: 140-142. pl. S.1928. no.149.

Gard. Chron. (London)

Alcock, N.L.

Bean pod canker or bean anthracnose (Colletotrichum lindemuthianum) Gard. Chron. III, 84: 293. illus. O.13, 1928. no.2181.

Brown, N.E.

Mesembryanthemum (cont.) Prenia, Hydrodea, N.E.Br. Gard. Chron. III, 84: 268. O.6, 1928. no.2180.

Darnell, A.W.

The genus Primula (cont.) Gard. Chron. III, 84: 268-269, 294. O.6,13, 1928. no.2180-2181.

Lawrence, W.

Mutisias. Gard. Chron. III, 84: 289. illus. O.13, 1928.

Pettigrew, W.W.

The influence of air pollution on vegetation. Gard. Chron. III, 84: 292. O.13, 1928. no.2181.

Ward, F.K.

Mr. F.Kingdon Ward's tenth expedition in Asia IX. The Abor hills. Gard. Chron. III, 84: 270-271. illus. O.6, 1928. no.2180.

Gard. Chron. Amer. (N.Y.)

Coombes, G.

Interesting plants of the South African veldt (concl.) Gard. Chron. Amer. 32: 277-278. O. 1928. no.10.

Gartenschönheit. (Berlin)

Burchard, O.

Schöne semperviven der Kanaren. Gartenschönheit. 9: 373-375. illus. S.1928. no.9.

Gartenschönheit. (cont.)

Dix, J.F.Ch.
Moderne gladiolen. Gartenschönheit. 9: 368-369. illus. S.1928. no.9.

Grans N. Meyer und seine arbeit in Asien. Gartenschönh. 9: 389, 392, 393. S.1928.

Kache, P.
Japanische ahorne. Gartenschönheit. 9: 365-366. illus. S.1928. no.9.
Acer palmatum.

Cheimb, T.von.
Der satanspilz. Gartenschönheit. 9: 380, 382. S.1928. no.9.
Boletus satanas.

Reichel, P.R.
Amerikanische riesendahlien. Gartenschönheit. 9: 372-373. illus., col.pl. S.1928. no.9.

Genetica.(The Hague)

Bleier, H.
Karyologische untersuchungen an linsen- wicken-bastarden. Genetica. 11: 111-118. illus. 1928. no.1/2.
Lens esculenta.

Mol, W.E.de.
The originating of diploid and tetraploid pollen-grains in Duc van Thol-tulips (Tulipa suaveolens) dependent on the method of culture applied. Genetica. 11: 119-212. illus. 1928. no.1/2.

Nilsson-Ehle, H.
Rassenkreuzungen aus allgemein biologischen gesichtspunkt. Genetica. 11: 213-224. 1928. no.1/2.

Wellensiek, S.J.
Pisum-crosses III. Genetica. 11: 225-256. 1928. no.1/2.

Genetics. (Menasha, Wisc.)

MacArthur,J.W.
Linkage studies with the tomato II. Three linkage groups. Genetics. 13: 410-420. S. 1928. no.5.

House & Gard. (Greenwich, Conn.)
Wilson, E.H.
In praise of the maples. A versatile tree family of enduring worth. House & Gard. 54(5): 106-107, 178, 180, 182, 194. illus. N.1928.

Ital. Agr. (Milan)
Savelli, R.
La canapa monofilla ed il suo luogo d'origine. Ital. Agr. 65: 669-706. illus. S.1928. no.9.

Izv. Biol. Nauchno-Issled. Inst. i Biol. Stan. Permsk. Gosud. Univ. (Bull. Inst. Rech. Biol. & Stat. Biol. Univ. Perm)
Gebhardt, A.G.
... On the osmotic pressure of the plants sap, in dependence on the soil conditions of their habitat. Izv. Biol. Nauchno-Issled. Inst. i Biol. Stan. Permsk. Gosudarstv. Univ. (Bull. Inst. Rech. Biol. Stat. Biol. Univ. Perm) 6: 77-89. 1928.
Russian with English summary.

Henckel, A. & Miropolsky, A.
... Sur la cytologie de Plasmodiophora brassicae Worom. Izv. Biol. Nauchno-Issled. Inst. i Biol. Stan. Permsk. Gosudarst. Univ. (Bull. Inst. Rech. Biol. & Stat. Biol. Univ. Perm) 6: 149-155. 1928.
Russian with French résumé.

Litvinov, L.S. & Gebhardt, A.G.
... Upon the bleeding of steppe plants. Izv. Biol. Nauchno-Issled. Inst. i Biol. Stan. Permsk. Gosudarstv. Univ. (Bull. Inst. Rech. Biol. Stat. Univ. Perm) 6: 91-111. 1928.
Russian with English summary.

Sabinin, D.A. & Minina, E.G.
... On the regulating of the reaction of an external solution by plants. Izv. Biol. Nauchno-Issled. Inst. i Biol. Stan. Permsk. Gosudarstv. Univ. (Bull. Inst. Rech. Biol. & Stat. Biol. Univ. Perm) 6: 165-192. 4 pl. 1928.
Russian with English summary,

Shardakov, V.S.
... About the physiological meaning of guttation. Izv. Biol. Nauchno-Issled. Inst. i Biol. Stan. Permsk. Gosudarstv. Univ. (Bull. Inst. Rech. Biol. & Stat. Biol. Univ. Perm) 6: 193-208. pl. 1928.
Russian with English summary.

Izv. Biol. Nauchno-Issled. Inst. i Biol. Stan. Permsk. Gosud. Univ. (Bull. Inst. Rech. Biol. & Stat. Biol. Univ. Perm) (cont.)

Smirnova, Z.N.
... Contributions to the peat-moss flora of the Ural. Izv. Biol. Nauchno-Issled. Inst. i Biol. Stan. Permsk. Gosudarstv. Univ. (Bull. Inst. Rech. Biol. Stat. Biol. Univ. Perm) 6: 57-76. illus. (map) 1928.
Russian with English summary.

Tiuremnov, S.S.
... Zur flora des mittleren Urals. Izv. Biol. Nauchno-Issled. Inst. i Biol. Stan. Permsk. Gosudarstv. Univ. (Bull. Inst. Rech. Biol. & Stat. Biol. Univ. Perm) 6: 157-163. 1928.
Russian with French résumé.

Izv. Nauchn. Inst. P.F. Lesgafta (Bull. Inst. Sci. Lesshaft) (Leningrad)

Hübbenet, E.R. & Voblikova, T.V.
... Zur frage über photosynthese der roten algen, welche irhen phykoerythrin einigebusst haben. Izv. Nauchn. Inst. P.F. Lesgafta (Bull. Inst. Sci. Lesshaft) 14: 43-47. 1928. no.1/2.
Russian with German summary.

Liubimenko, V.N.
... 150 années d'études scientifiques sur la photosynthèse, ses progrés et ses perspectives. Izv. Nauchn. Inst. P.F. Lesgafta (Bull. Inst. Sci. Lesshaft) 14: 147-182. 1928.
Russian with French résumé.

Journ. Agr. Prat. (Paris)

Moreau, F. & Dusseau, A.
Les méthodes d'études de la resistance de blé au froid. Journ. Agr. Prat. n.s., 50: 276-280. O.6, 1928. no.40.

Journ. Agr. Res.

Bach, W.J. & Wolf, F.A.
The isolation of the fungus that causes citrus melanose and the pathological anatomy of the host. Journ. Agr. Res. 37: 243-252. illus. Ag.15, 1928 (Rec'd O.23) no.4.

Journ. Agr. Res. (cont.)

Brown, N.A.
Bacterial pocket disease of the sugar beet. Journ. Agr. Res. 37: 155-168. illus. Ag.1,1928. (Rec'd 0.22) no.3.
Bacterium beticola.

Demaree, J.B.
Morphology and taxonomy of the peach-scab fungus, Cladosporium effusum (Wint.) comb.nov. Journ. Agr. Res. 37: 181-187. illus., pl. Ag.1, 1928. no.3. (Rec'd 0.22)

Haber, E.S.
The influence of the soil reaction on the ionizable constituents of the tomato as determined by electrodialysis. Journ. Agr. Res. 37: 101-114. Jl.15,1928. (Rec'd 0.16) no.2.

Harris, J.A.
A possible relationship between soil salinity and stand in cotton. Journ. Agr. Res. 37: 213-231. Ag.15, 1928 (Rec'd 0.23) no.4.

Jones, F.R.
Winter injury of alfalfa. Journ. Agr. Res. 37: 189-211. illus., 2 pl. Ag.15, 1928 (Rec'd 0.23) no.4.

Siegler, E.A.
Studies on the etiology of apple crown gall. Journ. Agr. Res. 37: 301-313. illus. S.1,1928. (Rec'd 0.23) no.5.

Walker, J.C. & Wellman, F.L.
A survey of the resistance of subspecies of Brassica oleracea to yellows (Fusarium conglutinans). Journ. Agr. Res. 37: 233-241. illus. Ag.15,1928 (Rec'd 0.23) no.4.

Webster, J.E.
Phosphorus distribution in grains. Journ. Agr. Res. 37: 123-125. Jl.15, 1928(Rec'd 0.16) no.2.
Mung bean, soy bean, cowpea, wheat, barley, common kafir, yellow corn, oats, white corn, darso, rye.

Wingard, S.A.
Hosts and symptoms of ring spot, a virus disease of plants. Journ. Agr. Res. 37: 127-153. illus. Ag.1, 1928 (Rec'd 0.22) no.3.

Journ. Biol. Chem. (Baltimore)

Jacobs, W.A. & Gustus, E.L.
The Digitalis glucosides II. Gitoxigenin and isogitoxigenin. Journ. Biol. Chem. 79: 553-562. O.1928. no.2.

Jacobs, W.A. & Hoffmann, A.
Strophanthin XV. Hispidus strophanthin. Journ. Biol. Chem. 79: 531-537. O.1928. no.2.

Jacobs, W.A. & Gustus, E.L.
Strophanthin XVI. Degradation in the isostrophanthidin series. Journ. Biol. Chem. 79: 539-552. O.1928. no.2.

Morse, F.W.
The iodine content of Cape Cod cranberries. Journ. Biol. Chem. 79: 409-411. O.1928. no.2.

Raymond, A.L.
Cozymase. Its relation to phosphatase activity. Journ. Biol. Chem. 79: 637-648. O.1928. no.2.

Journ. Amer. Soc. Agron. (Geneva, N.Y.)

Hansen, A.A.
Eradicating quack grass with sodium chlorate. Journ. Amer. Soc. Agron. 20: 1120-1123. O. 1928. no.10.

Immer, F.J. & Stevenson, F.J.
A biometrical study of factors affecting yield in oats. Journ. Amer. Soc. Agron. 20: 1108-1119. O.1928. no.10.

Journ. Bot. (London)

Becherer, A.
Note on Oxytropis halleri Bunge. Journ. Bot. 66: 293-295. O.1928. no.790.

Druce, G.C.
Diplotaxis tenuifolia DC. var. integrifolia Koch. Journ. Bot. 66: 245. Ag.1928. no.788.

Exell, A.W.
Mr. John Gossweiler's plants from Angola and Portuguese Congo. (cont.) Journ. Bot. 66: 145-152, 161-168. Ag., O. 1928. no. 788, 790.

Journ. Bot. (cont.)

Exell, A.W.
A new species of Polygala from south-west Africa. Journ. Bot. 66: 299. O.1928. no. 790.
Polygala mossii, sp.nov.

Exell, A.W.
Unrecorded citations of species from Colombia. Journ. Bot. 66: 291-293. O.1928. no.790.
Desmodium mauritianum-accesit, Peperomoa nimmularifolia, Piper telembi, sp.nov.

Hall, L.B.
Teucrium scorodonia L: a new variety. Journ. Bot. 66: 299-300. O.1928. no.790.
Teucrium scorodonia var.acrotomum.

Lacaita, C.C.
Cerastium riaei. Journ. Bot. 66: 306-307. O. 1928. no.790.
Name should be abandoned in favor of C. ramossimum.

Larter, C. E.
Diplotaxis tenuifolia DC var. integrifolia Koch. Journ. Bot. 66: 306. O.1928. no.790.

Meslin, R.
Epipactis dunensis Godf. on the French coast. Journ. Bot. 66: 217-218. pl. 586. Ag. 1928. no.788.
Transl. from Bull Soc. Agr., Arch. et Hist. Nat. Manche, by M.J. Godfery.

Novitates africanae (cont.) Journ. Bot. 66: 229-233. Ag.1928. no.788.

Praeger, R.L.
The Canarian Sempervivum-flora: its distribution and origin. Journ. Bot. 66: 218-229. Ag.1928. no.788.

Pugsley, H.W.
An overlooked fumitory from the Canary Islands. Journ. Bot. 66: 298-299. O.1928. no.790.
Fumaria praetermissa, sp.nov.

Journ. Bot. (cont.)

Ramsbottom, J.
An unusual habitat for a mushroom. Journ. Bot. 66: 306. O.1928. no.790.
Psalliota campestris growing on dead stump of a poplar.

Salmon, C.E. & Baker, E.G.
Notes on the British species and forms of Erophila. Journ. Bot. 66: 234-241. Ag.1928. no.788.

Savage, S.
Two unpublished letters from Linnaeus. Journ. Bot. 66: 295-297. O.1928. no.970.

Wilmott, A.J.
Carl Axel Magnus Lindman. Journ. Bot. 66: 300-301. O.1928. no.790.

Journ. Hered. (Washington)

Color mutations in the tulip. Journ. Hered. 19: 452. front. O.1928. no10.

Shamel, A.D., Pomeroy, C.S. & Caryl, R.E.
Bud selection in the Washington navel orange VIII. Progeny tests of two color variations - Yellow and golden nugget. Journ. Hered. 19: 469-476. illus. O.1928. no.10.

Journ. Inst. Brew. (London)

Salmon, E.S.
Eleventh report on the trial of new varieties of hops, 1927. Journ. Inst. Brew. 34(n.s.,25): 520-529. O.1928. no.10.
Contains notes on disease resistance.

Journ. N.Y. Bot. Gard.

Compton, R.H.
The wild flowers of South Africa. Journ. N.Y. Bot. Gard. 29: 259-262. O.1928. no.346.

Journ. N.Y. Bot. Gard. (cont.)

Howe, M.A.
Joseph Edward Kirkwood. Journ. N.Y. Bot. Gard. 29: 266-267. O.1928. no.346.

Pridham, A.M.S.
Phlox. Journ. N.Y. Bot. Gard. 29: 249-259. illus. O.1928. no.346.

Journ. Washington Acad. Sci.

Dachnowski-Stokes, A.P. & Allison, R.V.
A preliminary note on blue-green algal marl in southern Florida in relation to the problem of coastal subsidence. Journ. Washington Acad. Sci. 18: 476-480. illus. O.19, 1928. no.17.

Julk. Suomalaisen Eläin- & Kasvit. Seuran Vanamon (Ann. Soc. Zool.-Bot. Fenn. Vanamo)

Pesola, V.A.
Kalsiumkarbonaatti kasvimaantieteellisenä tekijänä Suomessa. (Calcium carbonate as a factor in the distribution of plants in Finland.) Julk. Suomalaisen Eläin- & Kasvit Seuran Vanamon (Ann. Soc. Zool.-Bot. Fenn. Vanamo) 9: 1-246. illus. (map) 7 pl. 1928. no.1.
Finnish with English summary.

Kosmos (Lwów, Poland)

Koczwara, M.
Anabaena scheremetievii Elenk. we florze sinic Polski (Anabaena scheremetievii Elenk. in der Cyanophyceen-flora von Polen.) Kosmos (Lwów, Poland) 52: 562-564. illus. 1928.

Koczwara, M.
Thymus odoratissimus M.B. nowy składnik flory Polski (Thymus odoratissimus ein neue bürger der flora von Poland.) Kosmos (Lwów, Poland) 52: 558-561. illus. 1928.

Nowiński, M.
Zespoły roślinne Puszczy Sandomierskiej (Les associations végétales de la grande forêt de Sandomierz) I Kosmos, (Lwów, Poland) 52: 457-546. xiv.pl. on 6, tab. 1928.
Polish with French résumé.

Kosmos (Lwów, Poland) (cont.)
Tołpa, S.
Analiza pyłkowa torfowiska w Janowie na Roztoczu (Pollenanalytische studien über Janower-torfmoor) Kosmos (Lwów, Poland) 52: 547-557. 1928.
Polish with German summary.

Kosmos (Stuttgart)
Wagner, A.
Vom laubfall. Kosmos. 25: 325-328. illus. O.1928. no.10.

Landscape Arch. (Brookline, Mass.)
Abell, T. H.
Landscape plants for Rocky Mountain valleys. Landscape Arch. 19: 29-39. O.1928. no.1.

Landw. Jahrb. (Berlin)
Kroemer, K.
Bericht über die tatigkeit der Pflanzenphysiologischen versuchsstation im berichtsjahr 1927. Landw. Jahrb. 68(Ergänzungsbd. 1): 445-452. 1928.

Lüstner, G.
Bericht über die tätigkeit der pflanzenpathologischen versuchsstation für das jahr 1927. Landw. Jahrb. 68(Ergänzungsbd.1): 437-444. 1928.

Schander, R.
Bericht über die tätigkeit des Instituts für pflanzenkrankheiten und der hauptstelle für pflanzenschutz der Provinzen Grenzmark und Brandenburg rechts der oder 1927/28. Landw. Jahrb. 68 (Ergänzungsbd.1): 52-95. illus. 1928.

Lesnická Práce.
Polanský, B.
Vliv měsíce na opad listí (L'influence de la lune sur la chute des feuilles). Lesnická Práce. 7: 443-445. 1928. no.9.

Meded. Landbouwhoogesch. Wageningen.
Honing, J.A.
Canna crosses II. The chromosome numbers of Canna glauca, C. glauca x indica Fl., C. aureo-vittata and C. aureo-vittata gigas. Meded. Landbouwhoogesch. Wageningen. v.32, no.4. 14p. illus. 1928.

Meded. Landbouwhoogesch. Wageningen. (cont.)
Kerling, L.C.P.
De anatomische bouw van bladvlekken. Meded. Landbouwoogesch. Wageningen. v.32, no.6. 107 p. illus. 1928.
German summary.

Meded. Rijks. Herb. Leiden.
Henrard, J.T.
A critical revision of the genus Aristida (concl.) Meded. Rijks. Herb. Leiden. No.54B. p.465-701. illus. Jl.1928.

Mitt. Deut. Landw. Ges.(Berlin)
Scheibe, A.
Praktische getreiderost-bekampfung im lichte amerikanischer erfahrungen. Mitt. Deut. Landw. Ges. 43: 935-937. illus. O.13,1928. no.41.

Nature (London)
Mallock, A.
Markings on diatoms and resolving power of microscopes. Nature. 122: 570. O.13,1928. no.3076.

Nature Mag. (Wash.,D.C.)
Hansen, A.A.
Taming native wild shrubs. Many wildings help round out the home landscape plan. Nature Mag. 12: 316-319. illus. N.1928. no.5.

Haskin, L.L.
Lewisia and Clarkia. They honor the pioneers. Nature Mag. 12: 309. illus. N.1928. no.5.

Skutch, A.F.
Plant of paradoxes. The banana is a decided non-conformist. Nature Mag. 12: 311-315. illus. N.1928. no.5.

Talman, C.F.
Nature's own weather bureau. A glance at the little known science of phrenology. Nature Mag. 12: 325-328. illus. N.1928. no.5.

Naturwissenschaften. (Berlin)
Nowack, E. & Markgraf, F.
Die grenze zwischen der kolchischen waldvegetation und der hochlandsvegetation im nördlichen Kleinasien. Naturwissenschaften. 16: 753-757. O.5, 1928. no.40.

North West. Nat. (Arbroath, Scotland)

Murray, J.
Cumberland mosses (cont.) North West. Nat. 3: 141. S.1928. no.3.

Salter, J.H.
The altitudinal range of flowering plants and ferns in mid Wales. North West. Nat. 3: 131-135. S.1928. no.3.

Nuovo Giorn. Bot. Ital.(Firenze)

Baldacci, A.
L'opera botanica del Dott. Fr. Markgraf sull' Albania centrale. Nuovo Giorn. Bot. Ital. n.s., 34: 1057-1063. S.1928. no.5.

Barsali, E.
La vegetazione del littorale toscano fra l'Arno ed il Calambrone. Nuovo Giorn.Bot. Ital. n.s., 34: 1430-1434. illus. S.1928.

Béguinot, A.
Ulteriori dati alla conoscenza delle forme del ciclo di "Thymus serpyllum" L. nel Trentino occidentale. Nuovo Giorn. Bot. Ital. n.s., 34: 1359-1362. S.1928. no.5.

Bolzon, P.
Osservazioni fitogeografiche sulla Liguria occidentale. Nuovo Giorn. Bot. Ital. n.s., 34: 1171-1183. S.1928. no.5.

Cappelletti, C.
Contributo alla flora epaticologica dell'Italia mediterranea. Nuovo Giorn. Bot. Ital. n.s., 34: 1275-1280. S.1928. no.5.

Carano, E.
Nuovi risultati d'incroci interspecifici nel genere "Bellis". Nuovo Giorn. Bot. Ital. n.s., 34: 1184-1187. S.1928. no.5.

Cavara, F.
Piante raccolte in un viaggio in Persia (Marzo-Giugno 1926) Primo contributo. Nuovo Giorn. Bot. Ital. n.s., 34: 1318-1332. map. S.1928. no.5.

Nuovo Giorn. Bot. Ital. (cont.)

Chiarugi, A.
Ricerche sui generi "Lonopsidium" Rchb. e "Bivonaea" DC. conspeciale riguardo agli endemismi di Toscana e di Spagna. Nuovo Giorn. Bot. Ital. n.s., 34: 1452-1496. illus. S.1928. no.5.

Chiovenda, E.
Una specie nuova di "Impatiens" spontaneizzata nell'Italia settentrionale. Nuovo Giorn. Bot. Ital. n.s., 34: 1049-1056. illus. S.1928. no.5.
I. mathildae.

Colla, S.
Sui fenomeni bioelettrici in rapporto con l'accrescimento della pianta. Nuovo Giorn. Bot. Ital. n.s., 34: 1281-1295. S.1928. no.5.

La commemorazione di Filippo Parlatore nel cinquantenario della sua morte. Nuovo Giorn. Bot. Ital. n.s., 34: 967-999. port. S.1928. no.5.
v.34, no.5 consists of articles in commemoration of the 50th anniversary of his death.

Fedtschenko, B.
Révision préliminaire du genre "Güldenstaedtia" Fisch. Nuovo Giorn. Bot. Ital. n.s., 34: 1435-1442. S.1928. no.5.

Fiori, Adr.
Contribuzione alla flora dell' isola di Sasono nell'Adriatico. Nuovo Giorn. Bot. Ital. n.s., 34: 1007-1010. S.1928. no.5.

Forti, A.
Nuove segnalazioni di alghe passivamente transportate a traverso al canale di Suez, poi naturalizzate. Nuovo Giorn. Bot. Ital. n.s., 34: 1443-1451. pl.xxxxv. S.1928. no.5.

Gioelli, F.
Osservazioni sulla variazione di superficie nelle foglie della "Victoria regia" Lindl. Nuovo Giorn. Bot. Ital. n.s., 34: 1034-1036. S.1928. no.5.

Nuovo Giorn.Bot. Ital. (cont.)

Lacaita, C.
Rettifiche alla "Monographia pulmonariarum" di Kerner. Nuovo Giorn. Bot. Ital. n.s., 34: 1163-1165. S. 1928. no.5.

Levra, P.G.
Diatomee marine di Ancona e di Acireale. Nuovo Giorn. Bot. Ital. n.s., 34: 1106-1114. pl. xvii. S. 1928. no.5.

Longo, B.
Un gruppo di "Taxus baccata" L. nelle Alpi Apuane. Nuovo Giorn. Bot. Ital. n.s., 34: 1047-1048. S. 1928. no.5.

Lopriore, G.
La didinamia teratologica delle Bignoniaceae. (Contributo algli studi sulla variabilità). Nuovo Giorn. Bot. Ital. n.s., 34: 1085-1094. S.1928. no.5.

Martelli, U.
Pandanaceae Novae Guineae. Considerationes. Nuovo Giorn. Bot. Ital. n.s., 34: 1166-1170. S. 1928. no. 5.

Massalongo, C.
Le lettere di Filippo Parlatore al naturalista veronese Abramo Massalongo. Nuovo Giorn. Bot. Ital. n.s., 34: 1333-1342. S.1928. no.5.

Mattirolo, O.
Secondo elenco die "Fungi hypogaei" raccolti nelle foreste di Vallombrosa (1900-1926). Nuovo Giorn. Bot. Ital. n.s., 34: 1343-1358. S.1928. no.5.
Fischerula nov.gen.,F. macrospora.

Maugini, A.
Contributo alla conoscenza dei fieni della Cirenaica settentrionale. Nuovo Giorn. Bot. Ital. n.s., 34: 1296-1299. S.1928. no.5.

Nuovo Giorn. Bot. Ital. (cont.)

Messeri, A.
Embriologia di "Grevillea macrostachya" Brongn. et Gris. (Proteaceae). Nuovo Giorn. Bot. Ital. n.s., 34: 1037-1042. pl. xiv. S.1928. no.5.

Micatovich, G.
Sul grado di germinabilità di alcuni trifogli. Nuovo Giorn. Bot. Ital. n.s., 34: 1258-1266. S.1928. no.5.
Nota preliminare.

Milan, A.
Il grado di recettività per la "carie" delle varietá di frumento. II. Nuovo Giorn. Bot. Ital. n.s., 34: 1188-1199. S.1928. no. 5.

Minio, M.
La flora urbica di Venezia. Nuovo Giorn. Bot. Ital. n.s., 34: 1300-1317. S.1928. no. 5.
Notizia storica, dal sec. XVII al sec.XIX.

Montemartini, L.
Intorno all'apice delle foglie degli eucalipti ed al suo essiccamento. Nuovo Giorn. Bot. Ital. n.s., 34: 1200-1210. S. 1928. no.5.

Mussa, E.
Gioberti e Parlatore. Nuovo Giorn. Bot. Ital. n.s., 34: 1068-1077. S.1928. no.5.

Pampanini, R.
Uno sguardo alla flora del Cadore.(Alpi orientali). Nuovo Giorn. Bot. Ital. n.s.,34: 1383-1429. illus., pl. xviii. S.1928. no.5.

Passerini, N.
Sperimenti sulla concorrenza di alcuni cereali invernali. Nuovo Giorn. Bot. Ital. n.s., 34: 1003-1006. S.1928. no. 5.

Peyronel, B.
Una rara mucoracea parassita e le affinità naturali di alcuni funghi a cappelo. Nuovo Giorn. Bot. Ital. n.s., 34: 1267-1274. S.1928. no.5.
Dicranophora fulva.

Nuovo Giorn. Bot. Ital. (cont.)

Provasi, T.
Osservazioni prelimiari sulla funzione e la struttura del carpostegio nelle labiate. Nuovo Giorn. Bot. Ital. n.s., 34: 1375-1382 S. 1928. no. 5.

Raineri, R.
Una "Gongrosira" non ancora descritta vivente sopra corteccia: "Gongrosira chodati" Raineri. Nuovo Giorn. Bot. Ital. n.s., 34: 1211-1223. illus. S.1928. no.5.

Rigotti, H.
La sistemazione del genere "Arctium". Nuovo Giorn. Bot. Ital. n.s., 34: 1095-1105. S.1928. no.5.

Rossi, P.
Le rose della Val Savaranche. Nuovo Giorn. Bot. Ital. n.s., 34: 1011-1033. S.1928. no.5.

Savelli, R.
Ginandromorfismo in "Cucurbita pepo" L. Nuovo Giorn. Bot. Ital. n.s., 34: 1043-1046. pl. xv. S. 1928. no.5.

Scaramella, P.
Ricerche preliminari sul mododdi formazione dei conidi nel "Penicillium digitatum" Nuovo Giorn. Bot. Ital. n.s., 34: 1078-1084. illus. S. 1928. no. 5.

Trotter, A.
Die alcune piante nuove o rare della flora lucana. Nuovo Giorn. Bot. Ital. n.s., 34: 1064-1067. S.1928. no.5.
Allium siculum, Euphorbia cernua, Evonymus verrucosus, Lonicera alpigena.

Ugolini, U.
Indicazioni erronee o dubbie della "Campanula pyramidalis L." per il Bresciano, la Valtellina, il Trevigiano, la Savoja; e suo vicarismo con l'"Adenophora liliifolia Bess." Nuovo Giorn. Bot. Ital. n.s., 34: 1224-1245. S.1928. no.5.

Nuovo Giorn. Bot. Ital. (cont.)

Vignolo-Lutati, F.
Contributo alla flora delle langhe, Nota 5a. Nuovo Giorn. Bot. Ital. n.s., 34: 1246-1257. S.1928. no.5.

Zangheri, P.
Flora di Romagna. La vegetazione delle pinete ravennati (Nota preliminare e programma di ricerche). Nuovo Giorn.Bot. Ital. n.s., 34: 1115-1162. S.1928. no.5.

Zenari, S.
Sopra alcune forme italiane del genere "Gladiolus" Nuovo Giorn. Bot. Ital. n.s., 34: 1363-1374. S. 1928. no.5.

Orchid Rev. (Richmond, England)

Cooper, E.
Polycycnis breviloba (new species). Orchid Rev. 37: 315. O.1928. no.424.

Tahourdin, C.B.
Ophrys arachnites x O. apifera. Orchid Rev. 36: 312-314. O.1928. no.424.

Watling, H.
Researches into Chinese orchid history (cont.) Orchid Rev. 36: 295-304. O.1928. no.424.

Oxford For. Mem.

Bourne, R.
Aerial survey in relation to the economic development of new countries, with special reference to an investigation carried out in Northern Rhodesia. Oxford For. Mem. no.9. 35 p. pl., fold.map. 1928.

Pacific Rural Press. (San Francisco)

Currey, J.E.
The virus diseases of potatoes. Pacific Rural Press. 116(16): 407. O.20,1928.

Pomol. Franç. (Villefranche, France)

Faes, H.
Un champignon parasite de cerisier: le Clasterosporium carpophilum. Pomol. Franç. 1928: 175-177. S.1928. no. 9.

Proc. Biol. Soc. Wash.

Becker, W.
A new violet from Colombia. Proc. Biol. Soc. Washington. 41: 151. 0.15, 1928.
Viola colombiana, sp.nov.

Blake, S.F.
Notes on Thelesperma. Proc. Biol. Soc. Washington. 41: 145-150. 0.15, 1928.

Hitchcock, A.S.
New species of grasses from the United States. Proc. Biol. Soc. Washington. 41: 157-163. 0.15, 1928.

St. John, H., English, C.S., jr., Jones, G.N., Palmer, R., Sprague, R., Warren, F.A. & Weitman, G.
New and noteworthy northwestern plants I- Proc. Biol. Soc. Washington. 41: 191-199. 0.15, 1928.

Proc. Pennsylvania Acad. Sci. (Harrisburg)

Hein, I.
Morphogenesis in fungous mycelium. Proc. Pennsylvania Acad. Sci. 2(1927/28): 117-118. 1928.
Manuscript to be publ. in Bull. Torr. Club.

Holdridge, F.L. & McCubbin, W.A.
Control of rot in gernaium cuttings. Proc. Pennsylvania Acad. Sci. 2(1927/28): 51-54. 1928.
Already entered as reprint.

Lauer, K. W.
An organic mercury compound for the control of damping-off of seedlings grown under glass. Proc. Pennsylvania Acad. Sci. 2(1927/28): 37-39. 1928.
Experiments with Semesan.

Proc. Pennsylvania Acad. Sci. (cont.)

Nelson, W. & Cretcher, L.H.

Naturally occuring acidic polysaccharides. Proc. Pennsylvania Acad. Sci. 2(1927/28): 101. 1928.

Alginic acid from Laminaria agardhii and Macrocystis pyrifera.

Proc. Roy. Soc. Ser. B. (London)

Analytic studies in plant respiration. Proc. Roy. Soc. Ser. B. 103: 412-445, 446-489, 491-523. O.1928. no.726.

I. The respiration of a population of senescent ripening apples. By F.F. Blackman & P. Parija.

II. The respiration of apples in nitrogen and its relation to respiration in air. By P. Parija.

III. Formulation of a catalytic system for the respiration of apples and its relation to oxygen. By F.F.Blackman.

Dickinson, S.

Experiments on the physiology and genetics of the smut fungi. Cultural characters. I- Proc. Roy. Soc. Ser.B. 103: 547-555. pl.16. O.1928. no.726

I. Their permanence and segregation.

Progr. Agr. & Vitic. (Montpellier)

Joessel, P.H.

Quelques maladies du pécher et de l'abricotier dans la région Rhodanienne. Progr. Agr. et Vitic. 90: 350-353. O.7, 1928. no.41.

Ravaz, L.

Sur les conditions d'apparition du court-noué. Progr. Agr. et Vitic. 90: 320-322. S.30,1928 no.40.

Quart. Journ. Indian Tea Assoc.(Calcutta)

Andrews, E.A.

On the incidence of insect pests and fungus diseases on tea at Tocklai. Quart. Journ. Indian Tea Assoc. 1928: 173-177. no.3.

Queensl. Agr. Journ. (Brisbane)

Bell, A. F.
Cane diseases. Queensl. Agr. Journ. 30: 188-190. S.1928. no.3.

Francis, W.D.
Queensland rain-forest trees (cont.) Weeping myrtle (Eugenia ventenatii) Queensl. Agr. Journ. 30: 294-296. illus. S.1928. no.3.

Repert. Spec. Nov. Fedde. (Berlin)

Becherer, Alfred
Coronopus Zinn und Taraxacum Zinn em.Haller. Repert. Spec. Nov. Fedde. 25: 16-17. S.1928. no.1/3.

Becherer, A.
Zur nomenklatur einiger sippen mitteleuropäischer gefässpflanzen. Repert. Spec. Nov. Fedde. 25: 10-15. S.1928. no.1/3.

Bornmüller, J.
Neue arten und formen aus Griechenland. Repert. Spec. Nov. Fedde. 25(Repert. Europ. et Med. 2: 193-197): 34-37. S.1928. no.1/3.
Aethionema subcapitatum, Sypsophila achaia, Cerastium pelligerum, Myosotis arcanica, sp.nov.

Kränzlin, F.
Orchidaceae novae bolivianae. Repert. Spec. Nov. Fedde. 25: 18-32. S.1928. no.1/3.

Kränzlin, F.
Zu Lysionotus wilsoni Kraenzl. Repert. Spec. Nov. Fedde. 25: 32. S.1928. no.1/3.

Loesener, O.
Uebersicht über die arten der gattung Veratrum (cont.) Repert. Spec. Nov. Fedde. 25: 1-10. S.1928. no.1/3.

Novák, F. A.
Dianthi fimbriati europaei I- Repert. Spec. Nov. Fedde. 25(Repert. Europ. et Med. 2: 198-207): 38-47. S.1928. no.1/3.

Repert. Spec. Nov. Fedde. (cont.)

Römpp, H.

Die verwandtschaftsverhältnisse in der gattung Veronica. Repert. Spec. Nov. Fedde. 25(Repert. Europ. et Med. 2:207): 47. S.1928. no.1/3.

Rev. Bot. Appl. (Paris)

Chevalier, A.

Révision des Acacia du Nord, de l'Ouest et du Centre africain (cont.) Rev. Bot. Appl. 8: 574-579, 643-650. pl.v-vi. Ag./S. 1928. no.84/85.

Gagnepain, F.

Le genre Francfleurya est caduc. Rev. Bot. Appl. 8: 620-623. Ag./S.1928. no.84/85.

Francfleurya "ne se distingue pas du genre Pentaphragma campanulacée."

P. gamopetalum, n.sp.

Kopp, A.

Un arbre à introduire dans les régions sèches de l'Afrique tropicale: l'algaroba (Prosopis juliflora DC) Rev. Bot. Appl. 8: 580-583. Ag./S. 1928. no.84/85[

Perrier de la Bathie, H.

Les prairies de Madagascar. Rev. Bot. Appl. 8: 549-557, 631-642. Ag./S. 1928. no. 84/85.

Thellung, A.

L'origine du cresson alénois (Lepidium sativum L.) et de la rave (Brassica rapa) Rev. Bot. Appl. 8: 628-631. Ag./S.1928; no.84/85.

Rev. Bretonne Bot. (Rennes)

Daniel, L.

Etudes sur la greffe: structure du bourrelet (suite) Rev. Bretonne Bot. 1928: 433-560. illus., vi.pl. Ag.1928. no.1.

Daniel, L.

Recherches sur l'hérédité des symbiomorphoses ou variations spécifiques produites par la greffe (suite) Rev. Bretonne Bot. 1928: 38-52. illus., pl. xiii-xiv. Ag.1928. no.1.

Rev. Bretonne Bot. (cont.)

Jouin, H.

La vigne en Bretagne, autrefois, notes complémentaires (fin.). Rev. Bretonne Bot. 1928: 53-67. Ag.1928. no.1.

R., C.T.

Liste chronologique des travaux de M. Lucien Daniel... Rev. Bretonne Bot. 1928: 1-37. Ag.1928. no. 1.

Rev. Path. Veg. & Entom. Agr. (Paris)

Alabouvette, L. & Meneret, G.

A propos d'un cecidium sur Thalictrum minus. Rev. Path. Vég, et Entom. Agr. 14: 191-192. Jl./S.1927. (Rec'd O.1928) no.3.

May be Puccinia persistans.

Blaringhem, L.

Sur une monstruosité du seigle vivace (Secale montanum Guss.) et l'identité des réactions au climat humide ou à l'état d'hybridation. Rev. Path. Vég. et Entom. Agr. 14: 303-306. O./D. 1927 (Rec'd O.1928) no.4.

Chaudhuri, H.

Quelques observations sur le parasitisme et la formation des suçoirs chez les cuscutes. Rev. Path. Vég, et Entom. Agr. 15: 79-81. pl. Mr.1928 (Rec'd Oct.) no.3.

Chaudhuri, H.

Relations anatomo-physiologiques de Cistanche tubulosa avec son hôte. Rev. Path. Vég, et Entom. Agr. 15: 106-107. 2 pl. Ap./My.1928 (Rec'd O.) no.4/5.

Duclos, H.

Contribution à l'étude des parasites des plantes à Madagascar. Rev. Path. Vég. et Entom. Agr. 15: 67-73. Mr.1928 (Rec'd O.) no.3.

Ducomet, V.

La carie du seigle. Rev. Path. Vég, et Entom. Agr. 14: 193-194. Jl./S.1927.(Rec'd O.1928) no.3.

Tilletia secalis.

Rev. Path. Vég. et Entom. Agr. (cont.)

Decomet, V.
La cercosporiose de la betterave. Rev. Path. Vég. et Entom. Agr. 15: 110-120. Ap./My. 1928 (Rec'd O.) no.4/5.
Cercospora beticola.

Ducomet, V.
La mosaïque de la betterave. Rev. Path. Vég, et Entom. Agr. 15: 24-29. Ja.1928 (Rec'd O.) no.1.

Ducomet, V.
Rouilles des céréales et rendement. Rev. Path. Vég, et Entom. Agr. 14: 247-252. O./D. 1927 (Rec'd O.1928) no.4.

Dufrenoy, J.
Dépérissement des rameaux de cédratiers attaqués par le Colletotrichum gloeosporioïdes en Corse. Rev. Path. Vég, et Entom. Agr. 14: 215-216. illus. Jl./S. 1927 (Rec'd O.1928) no.3.

Dufrenoy, J.
Étude expérimentale des relations des Verticillium et de leur hôte. Rev. Path. Vég, et Entom. Agr. 14: 207-214. illus. Jl./S.1927 (Rec'd O.1928) no.3.

Dufrenoy, J.
Un Phytophthora parasite du néflier du Japon. Rev. Path. Vég, et Entom. Agr. 14: 201-206. illus. Jl./S.1927 (Rec'd O.1928) no.3.
Phytophthora omnivora parasitica forma eriobotryae.

Foex, E.
Un Oïdium de l'Hortensia. Rev. Path. Vég. et Entom. Agr. 14: 217-223. illus. Jl./S.1927 (Rec'd O.1928) no.3.
Erysiphe polygonii.

Suyot, A.L.
Sur la désinfection des graines de betterave. Rev. Path. Vég, et Entom. Agr. 15: 125-134. Ap./My.1928 (Rec'd O.) no.4/5.

Hauduroy, P.
Le bactériophage de d'Herelle. Rev. Path. Vég. et Entom. Agr. 14: 272-302. O./D. 1927 (Rec'd O.1928) no.4.

Rev. Path. Vég. et Entom. Agr. (cont.)

Kharbush, S.
Étude cytologique sur le Phyllachora graminis (Pers.) Fel. Rev. Path. Vég. et Entom. Agr. 14: 267-271. illus. O./D.1927 (Rec'd 0.1928) no.4.

Kharbush, S.
Recherches histologiques sur les ustilaginées. Rev. Path. Vég. et Entom. Agr. 15: 48-56. illus. F.1928 (Rec'd.0.1928) no.2.

Magrou, J. & Magrou, Mme.M.
Radiations émises par le "Bacterium tumefaciens." Rev. Path. Vég. et Entom. Agr. 14: 244-246. O./D. 1927 (Rec'd 0.1928) no.4.

Nicolas, G. & Aggery, Mlle.
Un nouveau parasite d'Eriobotrya japonica Lincl. Rev. Path. Vég. et Entom. Agr. 15: 102-105. illus. Ap./May 1928 (Rec'd 0.1928) no.4/5.
Phyllosticta fusiformis, nov.sp.

Nicholas, G. & Aggery, Mlle.
Un nouvel Heterosporium parasite de l'Iris germanica L. Rev. Path. Vég. et Entom. Agr. 15: 62-66. illus. Mr.1928 (Rec'd 0.1928) no.3.
Heterosporium pruneti, nov. sp.

Nicolas, G. & Aggery, Mlle.
Sur un Heterosporium (sic.) parasite de l'oignon. Rev. Path. Vég. et Entom. Agr. 14: 195-198. illus. Jl./S. 1927 (Rec'd 0.1928) no.3.
Hetero porium allii var.cepivorum.

Perret, C.
Les maladies de la pomme de terre dans le Forez en 1927. Rev. Path. Vég. Entom. Agr. 14: 259-266. O./D.1927 (Rec'd 0.1928) no.4.

Riker, E.J.
Erwin F. Smith. Rev. Path. Vég. et Entom. Agr. 14: 189-190. Jl./S.1927 (Rec'd 0.1928) no.3.

Riker, A.J.
Une maladie bactérienne des fèves. Rev. Path. Vég. et Entom. Agr. 14: 199-200. Jl./S.1927 (Rec'd 0.1928) no.3.

Rev. Path. Vég. & Entom. Agr. (cont.)

Semichon, L.
Fixation et conservation de la couleur par l'emploi d'un seul liquide. Rev. Path. Vég. et Entom. Agr. 14: 228-229. Jl./S.1927 (Rec'd O.1928) no.3.

Simonet, M.
Note sur les maladies du glaieul. Rev. Path. Vég. et Entom. Agr. 15: 135-137. Ap./My. 1928 (Rec'd O.) no.4/5.

Szymanek, J.
Quelques observations nouvelles sur le mildiou de la pomme de terre. Rev. Path. Vég. et Entom. Agr. 15: 108-109. Ap./My.1928.(Rec'd O.) no.4/5.

Vayssière, P.
Une maladie vermiculaire des lis. Rev. Path. Vég. et Entom. Agr. 15: 30-32. pl. Ja.1928. (Rec'd O.) no.1.
Caused by unknown nematode.

Rev. Zool. et Bot. Afr.

Vanderijst, H.
Étude botanique du Chlorophora excelsa ou Kamba (cont.) Rev. Zool. et Bot. Afr. 16: 153-162. S.1928. no.2.

Science. (Lancaster,Pa.)

Baly, E.C.C.
Photosynthesis. Science. 68: 364-367. O.19, 1928. no.1764.

Kern, F.D.
Heterothallism in the rusts. Science. 68: 361. O.12, 1928. no.1763.

McKinney, H.H.
Further studies in quantitative virological methods. Science. 68: 380-382. O.19,1928. no.1764.

Miller, P.W.
A preliminary report on studies of fireblight of apple. Science. 68: 386-388. O.19, 1928. no.1764.

Science. (cont.)

Riker, A.J., Banfield, W.M., Wright, W.H. & Keitt, G.W.
The relation of certain bacteria to the development of roots. Science. 68: 357-358. O.12, 1928. no.1763.
Bacteria, closely resembling Bact.tumefaciens on certan agar media, stimulate root development in apple (hairy root), same results obtained on honeysuckle and rose. Certain important differences between the root-stimulating cultures and the crown gall organism have been established.

Science Progr. (London)

Horwood, A. R.
Lichen dyeing to-day: the revival of an ancient industry. Science Progr. 23: 279-283. O. 1928. no.90.

Sci. Rep. Tōhoku Imp. Univ. 1 Ser. Math., Physics, Chem.

Okada, Y.
On acase of sap bleeding of Cornus controversa Hems. observed at Sendai. Sci. Rep. Tohoku Imp. Univ. 4 ser. Biol. 3: 673-677. S. 1928. no.4.

Takagi, F.
On the chromosome numbers of Pelargonium. Sci. Rep. Tohoku Imp. Univ. 4 ser.Biol. 3: 665-671. illus. S.1928. no.4.

Takamatsu, M.
On the arrangement of cambial cells in some woody plants. Sci. Rep. Tohoku Imp. Univ. 4. ser Biol. 3: 615-24. pl. xxvi-xxvii. S.1928. no.4.

Sci. Rep. Tohoku Imp. Univ. 4. Ser.Biol.

Okada, Y.
Study of Euryale ferrox Salisb. II. On the variation in the shape of the seed. Sci. Rep. Tohoku Imp. Univ. 4. ser. Biol. 3: 581-586. pl. xxv. S.1928. no.4.

Shimotomai, N.
Karyokinese im oogonium von Cystophyllum sisymbrioides, J.Ag. Sci. Rep. Tohoku Imp. Univ. 4.ser. Biol. 3: 577-579. illus. S.1928. no.4.

Sci. Rep. Tohoku Imp. Univ. 4.Ser.Biol. (cont.)

Yamada, Y.
Marine algae of Mutsu Bay and adjacent waters. II. Sci. Rep. Tohoku Imp. Univ. 4.Ser. Biol. 3: 497-534. illus. S.1928. no.4.
Report of the biological survey of Mutsu Bay, 9.

Yoshii, Y.
Einige versuche über die wirkung des aluminiums auf die pflanze. Sci. Rep. Tohoku Imp. Univ. 4.ser.Biol. 3: 547-559. S.1928. no.4.

Sitzungsb. Akad. Wiss. Wien. Math.-Naturw. Kl. Abt.I.

Figdor, W.
Ueber den einfluss des lichtes auf die gestaltung der Bowiea volubilis sowie über die vermehrung und den bau ihrer zwiebel. Sitzungsb. Akad. Wiss. Wien. Math.-Naturw. Kl. Abt.I. 137: 45-54. illus. 1928. no. 1/2.

Lammermayr, L.
Weitere beiträge zur flora der magnesit- und serpentinböden. Sitzungsb. Akad. Wiss. Wien. Math. Naturw. Kl. Abt. I. 137: 55-99. 1928. no.1/2.

Schiller, F.
Zur kenntnis der frucht von Viscum album und Loranthus europaeus und der gewinnung von vogelleim Sitzungsb. Akad. Wiss. Wien. Math.-Naturw. Kl. Abt.I. 137: 243-258. pl. 1928. no.3/4.

Strugger, S.
Untersuchungen über den einfluss der wasserstoffionen suf das protoplasma der wurzelhaare von Hordeum vulgare L. II. Sitzungsb. Akad. Wiss. Wien. Math.-Naturw. Kl. Abt.I. 137: 143-169. 1928. no.3/4.

Tschermak, E.
Einige bastardierungsergebnisse an linsen und ackerbohnen. Sitzungsb. Akad. Wiss. Wien. Math.-Naturw. Kl. Abt.I. 137: 171-181. 1928. no.3/4.

Sitzungsber. Akad. Wiss. Wien. Math.-Naturw. Kl. Abt.IIb.

Schmid, L. & Waschkau, A.
Ueber die konstitution des anthochlors der gelben dahlien. Sitzungsb. Akad. Wiss. Wien. Math.-Naturw. Kl. Abt.IIb. 137: 83-91. 1928. no.1/2.

Schmid, L. & Bilowitzki, G.
Untersuchungen über pflanzliche sterine. Sitzungsb. Akad. Wiss. Wien. Math.-Naturw. Kl. Abt.IIb. 137: 98-106. 1928. no.1/2.

Succulenta (Leeuwarden)

Hoebée, LD.
Twee soortgenooten. Succulenta. 10: 178-181. illus. O.1928. no.10.
Echinocactus fiebrigii, E. minusculus.

Houten, J.M. van den
Hawortnia albicans. Succulenta. 10: 187-188. O.1928. no.10.

Verbeek Wolthuys, J.J.
Teratologische mededeelingen. Succulenta. 10: 184-187. illus. O.1928. no.10.

Tectona. (Buitenzorg)

Zondag, J.L.P.
Waarnemingen en opmerkingen over de kleinbladige mahonie, Swietenia mahogoni Jacq. Tectona. 21: 689-693. S.1928. no.9.
German résumé (Einige beobachtungen an der kleinblättringen mahogoni (Swetenia mahogoni Jacq.): p. 693.

Trans. Roy. Soc. Canada.

Wright, J.G.
The pit-closing membrane in the wood of the lower gymnosperms. Trans. Roy. Soc. Canada. Sect. V.Biol. Sci. III, 22: 63-95. illus., pl.i-ii. Mr.1928. no. 1.

Trudy Turkest. Selekts. Stan.(Trans.Turkest.Plant Breed.Stat.)

Zaitev, G.S.
... A contribution to the classification of Gossypium L. Trudy Turkest. Selekts. Stan. (Trans. Turkestan Plant Breed. Stat. Tashkent) no.12. 65 p. illus., incl. maps. 1928.
Russian with English summary (summary (p.39-65)

Verh.K. Akad. Wetensch.Amsterdam. 2. sect.

Beyma Thoe Kingma, F.H.van.
Eine neue Botryotrichum-art von dünger, Botryotrichum atrogiseum nov.spec. Verh. K. Akad. Wetensch. Amsterdam. 2. sect. 26(2): 14-15. illus. 1928.

Beyma Thoe Kingma, F.H. van.
Eine neue Sporotrichum-art, Sporotrichum sulfurescens nov.spec. Verh. K. Akad. Wetensch. Amsterdam. 2. sect. 26(2): 16-17. illus. 1928.

BeymaThoe Kingma, F.H.van.
Ueber ein gerbstoffzerstörendes Penicillium aus Sumatra, Penicillium phaeo-janthinellum Biourge. Verh. K. Akad. Wetensch. Amsterdam. 2.sect. 26(2): 21. 1928.

Beyma Thoe Kingma, F.H.van.
Ueber eine Isaria von Canna-blättern, Isaria alba nov.spec. Verh. K. Akad. Wetensch. Amsterdam. 2.sect. 26(2): 11-13. 1928.

Beyma Thoe Kingma, F.H.van.
Ueber einen pilz aus fermentierenden tabakhaufen auf Deli, Andreaea deliensus Palm et Jochems (= Oospora nicotianae Pezz. et Sacc.) Verh.K. Akad. Wetensch. Amsterdam. 2. sect. 26(2): 18-20. 1928.

Beyma Thoe Kingma, F.H.van.
Ueber zwei von Hevea-rinde isolierten pilzen aus Sumatra. Verh. K.Akad. Wetensch. Amsterdam. 2. sect. 26(2): 5-10. illus. 1928.
Oospora polychroma, Gliocladium flavum.

Luyk, A.van.
Ueber das vorkommen von Torula sacchari Corda auf verschiedenen substraten. Verh. K. Akad. Wetensch. Amsterdam. 2. sect. 26(2): 22-23. 1928.

Verh. Zool.-Bot. Ges. Wien.

Keissler, K.
Pius Strasser. Verh.-Zool.-Bot. Ges. Wien. 78: 1-4. port. Je.1928. no.1.
Schriften botanischen inhalts: p.3-4.

Vierteljahrsschr. Naturf. Ges. Zürich.
Messikommer, E.
Beiträge zur kenntnis der algenflora des Kantons Zürich. III. Die algenvegetation des Hinwiler- und Oberhöflerriedes. Vierteljahrsschr. Naturf. Ges. Zürich. 73: 195-203. Je.1928. no.1/2.

West India Comm. Circ.(London)
Witch-broom disease. Some useful notes for planters. West India Comm. Circ. 43: 390. O.4, 1928. no.783.
On cacao.

Year-book Dept.Agr. Gold Coast.
Chamney, N.P.
The distribution of white and pink seeds in the cola plant. Year-book Dept. Agr. Gold Coast. 1927: 121-122. 1928.
Cola acuminata.

Dade, H.A.
A comparison of the pathogenicity of various strains of Phytophthora faberi Maubl., on cacao pods, etc, in the Gold Coast. Year-book Dept. Agr. Gold Coast. 1927: 89-92. 1928.

Dade, H.A.
Dissemination of cacao pod diseases by invertebrates. Year-Book Dept. Agr.Gold Coast. 1927: 93. 1928.

Dade, H.A.
The relation between diseased cushions and the seasonal outbreak of "black pod" disease of cacao. Year-Book Dept.Agr. Gold Coast. 1927: 85-88. pl. ix-xi (col.) 1928.

Zapiski Gosudarstv. Nikitisk. Bot. Sad. (Ialta)
Shiskhin, B.K.
... Bemerkungen über einige arten der familie Caryophyllaceae aus der Krim. Zapiski Gosudarstv. Nikitsk. Opytn. Bot. Sada. (Journ. Gov. Bot. Gard. Nikita, Yalta) 10: 37-41. 1928.
Russian with German summary.

Vasil'ev, V.F.
... Die vegetationsverhältnisse der gegend Sudak-Aluschta. Zapiski Gosudarstv. Nikitsk. Opytn. Bot. Sada. (Journ. Gov. Bot. Gard. Nikita, Yalta). 10: 3-36. illus. 1928.
Russian with German summary.
Cerastium riaei, Minuartia taurica, Silene czerei, Dianthus marschalii (nom.nov.)

Zeitschr. Bot. (Jena)
Goldschmidt, V.
Vererbungsversuche mit den biologischen arten des antherenbrandes (Ustilago violacea Pers.) Ein beitrage zur frage der parasitären spezialisierung. Zeitschr. Bot. 21: 1-90. illus. 1928. no.1/2.

Zeitschr. Pflanzenkr. (Stuttgart)
Bavendam, W.
Ueber das vorkommen und den nachweis von oxydasen bei holzzerstörenden pilzen. Zeitschr. Pflanzenkr. 38: 257-276. illus. S./O. 1928. no.9/10.

Schilberszky, K.
Blindpflanzen. Zeitschr. Pflanzenkr. 38: 276-279. illus. S./O.1928. no.9/10.

Tuteff, I.
Ein versuch zur bekämpfung der fleckenkrankheit des reises. Zeitschr. Pflanzenkr. 38: 279-284. S./O.1928. no.9/10.

Zeitschr. Pilzk. (Leipzig)
Buchs, M.
Polyporus montanus Quél.in Schlesien. Zeitschr. Pilzk. 12:(n.s.7):140-142. S.1928. no.9.

John, A.
Interessante pilzfunde im Vogtlande. Zeitschr. Pilzk. 12(n.s.7): 129-132. S.1928. no.9.

Zeitschr. Pilzk. (cont.)

Leuchtender ölbaumpilz (Clitocybe olearia) und fenchel-tramete (Trametes odorata) Zeitschr. Pilzk. 12(n.s.7): 139-140. S.1928. no.9.

Meier, W.

Eine tremelloide missbildung beim waldfreundrübling, Collybia dryophila Bull. Zeitschr. Pilzk. 12(n.s., 7):142. S.1928. no.9.

Schäffer, J.

Der scharfe goldtäubling, Russula pseudoaurata n.sp. Zeitschr. Pilzk. 12(n.s.7): 133-136. S.1928. no.9.

Exper. Stat. Publ.

Nightingale, G.T. & Robbins, W.R.

Some phases of nitrogen metabolism in Polyanthus narcissus. New Jersey Agr.Exp. Stat. Bull.472. 32 p. Ag.1928.

Narcissus tazetta.

New Books.

Azzi, G.

Ecologia agraria. Torino,1928 (Nuova enciclopedia agraria italiana pte 2)

Boeuf, V.

Elémente de biologie et de génétique sppliquées a l'amélioration des plantes cultivées.. Tunis,1927.

Bonnier, G.

Flore complete illustrée en couleurs de France... Suisse et Belgique. t.10 par R. Douin. pl.571-576. [1928]

Eriksson, J.

Die pilzkrankheiten der kulturgewächse II. teil. Die pilzkrankheiten der garten- und parkgewächse. Stuttgart, Franch'sche verlaghandlung, 1928.

New Books (cont.)

Galli, P.
Agrumicoltura. Torino, 1928 (Nuova enciclopedia agraria italiana) pte.5.)
Cause nemiche agli agrumi: p.85-102.

Gil Conca, J.A.
Desinfección y procedimientos higiénico-terapéuticos de los granos y sus derivados, en los graneros y almacenes, por J. Antonio Gil Conca. Madrid, Ministerio de fomento, [1928]

Hutchinson, J.& Dalziel, J.M.
Flora of west tropical Africa. v.1, pt.2 (Sterculiaceae - Umbelliferae) London, Jl.1928.

Komarov, V.
... Bibliography of the flora and of vegetation at the far east. Vladivostok, 1928 (Mem. So.Ussuri branch State Russ. Geogr. Soc. 1928, no.2)
Russian.

Latorre, A.F.
Cultivo del olivo en la provincia de Sevilla Sevilla, Tip. Zarzuela,1927.
Enfermedades fitoparasitarias: p.297-320.

Lecomte, H.
Flore générale de L'Indo-Chine. v.5, fasc.6. Paris, 1927.
Euphorbiacées (fin) par F. Gagnepain et L. Beille; Ulmacées, par F. Gagnepain.

Maiden, J. H.
A critical review of the genus Eucalyptus v.7, pt.3 (pt.LXIX) 1928.

Niesemann, H.W.
Das anomale dickenwachstum von Mendoncia velloziana Mart. und Afromendoncia lindaviana Gilg. Berlin & Leipzig. W.de Gruyter & Co., 1927.

Perrot, E.
Plantes medicinales de France. v.1, Paris, 1928.
Colored plates.

New Books (cont.)

Pflanzenreale... 2. reihe, heft 1. Jena, G. Fischer, 1928.
Darbishire, C.V. Roccellaceae - Schellenberg, G. Connaraceae - Pax, F. Hippocastanaceae - Gams, H. Schistostega osmundacea.

Punnett, R.C.
Mendelism. 7th ed. London, Macmillan, 1927.

Raber, O.
Principles of plant physiology N.Y., Macmillan, 1928.

Schrader, F.
Die geschlechtschromosomen. Berlin, Borntraeger, 1928 (Zellen- und befruchtungslehre in einzeldarstellungen... I)

Ulbrich, E.
Biologie der früchte und samen (karpobiologie). Berlin, J Springer, 1928 (Biologische studienbücher hrsg. von W. Schoenichen VI)

Reprints from Journals not yet rec'd or not available.

Gregor, J.W.
Pollination and seed production in the ryegrasses (Lolium perenne and Lolium italicum. Separate from Trans. Roy. Soc. Edinb. 55: 773-794. 1928.

White, O.E.
Mutation, adaptation to temperature differences, and geographical distribution in plants. Reprinted from Verh. V. Intern. Kongress Vererbungswissensch. (Contr. Brooklyn Bot. Gard. no.53. 1928) p. 1575-1586 1928.

Correction.

V.10, no.21,
Under Addisonia should read Addisonia v.13, no.3. S.1928.

BOTANY
CURRENT LITERATURE

ADDITIONS TO THE BOTANICAL CATALOGUE, BUREAU OF PLANT INDUSTRY.
COMPILED FROM PUBLICATIONS RECEIVED IN THE
LIBRARY OF THE UNITED STATES DEPARTMENT OF AGRICULTURE, WASHINGTON, D.C.

Vol. 10, no.23. Oct. 29-Nov.10, 1928.

Agric. Colon. (Firenze)

Pampanini, R.
Le raccolte botaniche del Prof. G. Krüger a Bardia (Marmarica) ed a Giarabub nel 1927, e nella Sirtica orientale ed a Gialo nel 1928. Agric. Colon. 22: 361-368. pl. i-ii. O.1928. no.10.
Erodium bonacellii, Anthemis kruegeriana, n.spp.

Amer. Bot. (Joliet, Ill.)

[Clute, W.N.]
Botanical essays (cont.) Amer. Bot. 34(Suppl.): 33-48. O.1928. no.4.

Clute, W.N.
The meaning of plant names XXXVI. Asteraceae II. Amer. Bot. 34:144-151. O. 1928. no.4.

Clute, W.N.
Rabbit brush. Amer. Bot. 34: 133-134. front. O. 1928. no.4.
Chrysothamnus.

Murrill, W.A.
Up the Essequibo River. Amer. Bot. 34: 135-137. O.1928. no.4.

Soth, Mrs. M.E.
The plants of the Lewis and Clark expedition. Amer. Bot. 34: 137-144. O.1928. no.4.

Amer. For. & For. Life. (Wash.,D.C.)

Ancona, E.P.
Our southwestern national forests. Amer. For. & For.Life. 34: 652-656. illus. N.1928. no.419.

Wharton, M.
A botanic garden in the far west. Amer. For. & For. Life. 34: 681-684. illus. N.1928. no.419.
California botanic garden.

Amer. Nat.

Fisher, R.A.
Two further notes on the origin of dominance.
Amer. Nat. 62: 571-574. N./D. 1928. no.683.
One in cotton.

Hoyt, W.D.
The periodic fruiting of Dictyota - an acquired character. Amer.Nat. 62: 546-553. N./D. 1928. no.683.

Stewart, G. & Tingey, D.C.
A genetic recombination for the expression of awns in wheat. Amer. Nat. 62: 532-539. illus. N./D.1928. no.683.

Ann. Missouri Bot. Gard. (St.Louis)

Anderson, Edgar.
The problem of species in the northern blue flags, Iris versicolor L. and Iris virginica L.
Ann. Missouri Bot. Gard. 15: 241-332. illus., pl. 35-44. S. 1928. no.3.

Ann. Mycol. (Berlin)

Boedijn, K.B.
Verzeichnis der von Sumatra bekannten mycetozoa.
Ann. Mycol. 26: 450-453. 1928. no.5/6.

Hasler, A.
Kulturversuche mit zwei uredineen. Ann. Mycol. 26: 454. 1928. no.5/6.
Aecidium circaeae, Puccinia ribesii-caricis.

Petrak, F.
Ueber Englerula und die englerulaceen. Ann. Mycol. 26: 385-413. 1928. no.5/6.

Sydow, H. & Petrak, F.
Micromycetes philippinenses. Series prima.
Ann. Mycol. 26: 414-446. 1928. no.5/6.

Sydow, H.
Notizen über einige in letzter zeit neu beschriebene uredineen. Ann. Mycol. 26: 447-449. 1928. no.5/6.

Arb. Deut. Landw.-Ges.

Wehsarg, O.

Die verbreitung und bekämpfung der ackerunkräuter in Deutschland bd. II: Einzelunkräuter in Deutschland und ihre bekämpfung. lfg. II. Arb. Deut. Landw.-Ges. 359. 42 p. illus., 6 pl. 1928.

Die bekämpfung des unkrautes 16. stuck.

Arch. Pharm. & Ber. Deut. Pharm. Ges.(Leipzig)

Kofler, L.

Die stammpflanzen der radix primulae. Arch. Pharm. & Ber. Deut. Pharm. Ges. 266: 479-484. O. 1928. no.7.

Primula officinalis.

Konowalowa, E.A. & Magidson, O.J.

Ueber die alkaloide des Hyoscyamus reticulatus L. Arch. Pharm. & Ber. Deut. Pharm. Ges. 266: 449-452. O.1928. no. 7.

Arch. Rubbercult. Nederl.-Ind. (Batavia, Java)

Gandrup, J. & s'Jacob, J.C.

Resultaten der proeven over meeldauwbestrijding op de onderneming kroewoek in 1927. Arch. Rubbercult. Nederl.-Indië. 12: 507-539. S.1928. no.9.

English summary (Results of experiments on controlling Hevea mildew on Kroewoek-estate in 1927): 537-539.

Ber. Deut. Bot. Ges. (Berlin)

Diels, L.

Kontinentalverschiebung und pflanzengeographie. Ber. Deut. Bot. Ges. 46(Generalversamml.hft.1): 49-56. S.1928.

Gams, H.

Der russische botanikerkongress 1928 und der stand der pflanzengeographischen erforschung Russlands. Ber. Deut. Bot. Ges. 46(Generalversamml. hft.1): 124-128. S.1928.

Gradmann, H.

Die bedeutung von saugkraft und wasserleitvermögen des bodens für die pflanze. Ber. Deut. Bot. Ges. 46(Generalversamml.hft.1): 68-73. S.1928.

Ber. Deut. Bot. Ges. (cont.)

Höfler, K.
Ueber kappenplasmolyse. Ber. Deut. Bot. Ges. 46(Generalversamml. hft.1): 73-82. illus. S.1928.

Mothes, K.
Die wirkung des wassermangels auf den eiweissumsatz in höheren pflanzen. Ber. Deut. Bot. Ges. 46(Generalversamml.hft.1): 59-67. S.1928.

Schiemann, E.
Zytologische und pflanzengeographische beiträge zur gattung Aegilops. II. Ber. Deut. Bot. Ges. 46(Generalversamml.hft.1): 107-124. illus., pl.i-vi. S.1928.

Schoute, J.C.& Algera, L.
Ueber den morphologischen wert der schuppen der lepidocaryinenfrucht. Ber. Deut. Bot. Ges. 46(Generalversamml.hft.1): 82-106. illus. S.1928.

Wettstein, F.von.
Ueber plasmatische vererbung und über das zusammenwirken von genen und plasma. Ber. Deut. Bot. Ges. 46(Generalversamml.hft. 1): 32-49. S.1928.

Ber. Deut. Chem. Ges.(Berlin)

Falck, R. & Coordt, W.
Der methoxyl-gehalt beim lignin- und cellulose-abbau des holzes. Ber. Deut.Chem. Ges. 61: 2101-2106. O. 1928. no.9.

Fuchs, W. & Horn, O.
Zur kenntnis des genuinen lignins II. Einwirkung von brom auf acetyliertes fichtenholz. Ber. Deut.Chem. Ges. 61: 2197-2199. O.1928. no.9.

Biol. Zentralbl. (Leipzig)

Schratz, E.
Untersuchungen über die geschlechterverteilung bei Equisetum arvense. Biol. Zentralbl. 48: 617-639. 1928. no.10.

Bol. Mus. Nac. Rio de Janeiro.

Andrade, A.A.de.
Origem e dispersão do café. Bol. Mus. Nac. Rio de Janeiro. 3: 225-245. 1927 (Rec'd N.1928) no.4.

Padberg-Drenkpol, J.A.
Ensaio critico-historico sobre o café e investigação etymologica do nome. Bol. Mus. Nac. Rio de Janeiro. 3: 13-116. 1927 (Rec'd N.1928) no.4.

Sampaio, A.J.de.
Actuaes difficuldades da systematica do gen. Coffea L. Bol. Mus. Rio de Janeiro. 3: 187-224. pl.i-ii. 1927 (Rec'd N.1928) no.4.

Bot. Gaz. (Chicago)

Coy, G.V.
Morphology of sassafras in relation to phylogeny of angiosperms. Bot. Gaz. 86: 149-171. pl.viii-ix. O.1928. no.2.

Davies, P.A.
Effect of alcohol on cells of Nitella flexilis. Bot. Gaz. 86: 235-239. O.1928. no.2.

Haas, A.R.C., Batchelor, L.D. & Thomas, E.E.
Yellows or little-leaf of walnut trees. Bot. Gaz. 86: 172-192. illus. O. 1928. no.2.
Due to soil conditions.

Hicks, P.A.
Chemistry of growth as represented by carbon/nitrogen ratior. Regeneration of willow cuttings. Bot. Gaz. 86: 193-209. illus. O. 1928. no.2.

Hitchcock, A.E.
Effect of peat moss and sand on rooting response of cuttings. Bot. Gaz. 86: 121-148. pl.vi-vii. O. 1928. no.2.

McDougall, W.B. & Liebtag, C.
Symbiosis in a deciduous forest III. Mycorrhizal relations. Bot. Gaz. 86: 226-234. O.1928. no.2.

Shull, C.A.
The multiple-seeded Xanthium. Bot. Gaz. 86: 240-242. illus. O.1928. no.2.

Bot. Gaz. (cont.)

Stevens, F.L.
Effects of ultra-violet radiation on various fungi. Bot. Gaz. 86: 210-225. illus. O. 1928. no.2.

Bot. Not. (Lund, Sweden)

Dahlgren, K.V.O.
Ueber die zuckerabscheidung der blätter von Impatiens sultani. Bot. Not. 1928: 286-294. illus. no.4.

Heribert-Nilsson, N.
Salicetums vegetation. En tioårig invandrings-historia och naturselektion. Bot. Not. 1928: 265-285. no.4.

Heribert-Nilsson, N.
Salixfrönas fysiologi (Förelöpande meddelande) Bot. Not. 1928: 255-264. no.4.

Kylin, H.
Ueber Falkenbergia hillebrandii und ihre beziehung zur abspaltung von jod. Bot. Not. 1928: 233-254. illus. no.4.

Bryologist. (Pittsburg)

Brinkman, A.H.
Notes on some Canadian hepatics. Bryologist. 31: 75-83. Jl.1928.(Rec'd N.) no.4.

Burnham, S.H.
G.K. Merrill - an appreciation. Bryologist. 31: 74. Jl.1928 (Rec'd N.) no.4.

Plitt, C. C.
George Knox Merrill. Bryologist. 31: 65-71. port. Jl.1928. (Rec'd N.) no.4.
List of papers by Mr. Merrill: p.69-71.

Raup, L.C.
A list of the lichens of the Athabasca Lake region of northwestern Canada. Bryologist. 31: 83-85. Jl.1928 (Rec'd N.) no.4.

Williams, R. S.
Sphaerothecium Hampe - a good genus. Bryologist. 31: 72-73. Jl.1928 (Rec'd N.) no.4.
Sphaerothecium phascoidum.

Bull. Dept. Agr.Bombay (Poona)

Cheema, G.S. & Deshmukh, G.B.
Culture of guava and its improvement by selection in western India. Bull. Dept. Agr. Bombay. 1927, no.148. 17 p. plates. 1928.

Kottur, G.L.
Selection in the "jowars" of the Bombay Karnatak. Bull. Dept. Agr. Bombay (Techn.Ser.) 1928, no.151. 24 p. 5 pl.
Andropogon sorghum.

Bull. Dept. Agr. Tasmania.

Tasmania. Department of agriculture.
Potato seed improvement and certification. Its Bull. n.s., 2. 16 p. 1928.

Bull. Pop. Inform. Morton Arb. (Lisle, Ill.)

What is the Morton Arboretum? Bull. Pop. Inform. Morton Arb. 3: 41-51. illus. O.15, 1928. no.11/12.

Bull. Torr. Club.

Poe, I.
A revision of the Plantago patagonica group of the United States and Canada. Bull. Torrey Bot. Club. 55: 406-420. O.1928. no. 7.

Porterfield, W.M.
A study of the grand period of growth in bamboo. Bull. Torrey Bot. Club. 55: 327-405. pl.10. O.1928. no. 7.

Bull. U.S. Golf Assoc. Green Sect.(Wash., D.C.)

Monteith, J.jr.
Fall treatments for snow-mold. Bull. U.S. Golf Assoc. Green Sect. 8: 192-193. S.1928. no.9.

Compt. Rend. Acad. Agr. France. (Paris)

Desprez, F.
A propos des batteuses a grand travail et le traitement a sec des blés contre la carie. Compt. Rend. Acad. Agr. France. 14: 980-982. O.10, 1928. no.28.

Compt. Rend. Acad. Sci. Paris.

Combes, R.

Etude critique de la méthode de Sachs appliquée à la mesure des migrations de substances. Compt. Rend. Acad. Sci. Paris. 187: 666-668. O.15, 1928. no.16.

Maume, L. & Dulac, J.

Sur l'antagonisme positif, nul et négatif des mélanges binaires d'électrolytes à l'égard des végétaux. Compt. Rend. Acad. Sci. Paris. 187: 668-670. O.15,1928. no.16.

Contr. U.S. Nat. Herb.

Bartram,E.B.

Costa Rican mosses collected by Paul C. Standley in 1924-1926. Contr. U.S. Nat. Herb. 26: 51-114. illus. 1928. no.3.

Country Life. (London)

Taylor, G. C.

Berried shrubs. Country Life. 64(Suppl.): xlvi, xlviii, l. illus. O.20,1928. no.1657.

Country Life. (Amer.)(Garden City, N.Y.)

McCully, A.

Dianthus in the rock garden. Country Life Amer. 55: 49-50. illus. N.1928. no. 1.

Curt. Bot. Mag.

Curt. Bot. Mag. v.152, pt.4. O.1928.

Tulipa lanata. col.pl.9151.
Ozothamnus antennaria. col.pl. 9152.
Berberis hookeri. col.pl. 9153.
Solanum laciniatum. col.pl.9154.
Paphiopedilum robinsonii. col.pl.9155.
Rhododendron hippophaeoides. col.pl.9156.
Muscari armeniacum. col.pl.9157.
Cestrum psittacinum. col.pl. 9158.
xSaxifraga amabilis. col.pl. 9159.
Hypericum leschenaultii. col.pl.9160.
Guevina avellana. col.pl. 9161.

Econ. Proc. Roy. Dublin Soc.

Davidson, W.D.

The rejuvenation of the Champion potato. Econ. Proc. Roy. Dublin Soc. 2: 319-330. pl. xxvi. Je.1928. no.21/22.

Econ. Proc. Roy. Dublin Soc. (cont.)

Davidson, W.D.

A review of literature dealing with the degeneration of varieties of the potato. Econ. Proc. Roy. Dublin Soc. 2: 331-389. Je.1928. no.21/22.

Dillon, T. & Lavelle, E.F.

A suggested method for the utilization of seaweed Econ. Proc. Roy. Dublin Soc. 2: 407-413. S.1928. no.23/24.

Erdesz. Kiserl. (Hungary) (Sapron)

Magyar, P.

Adatok a Hortobagy novenyszociologiai es geobotanikai viszonyaihoz (Beitrage zu den pflanzensociologischen und geobotanischen verhaltnissen der Hortobagysteppe). Erdesz. Kiserl. Hungary. 30: 26-63. Ag.1928. no.1/2.

German resume: p.210-225.

Ernahr. Pflanz. (Berlin)

Beilke,

Beitrage zur kenntnis der morphologie und physiologie verschieden ernahrter pflanzen, Ernahr. Pflanze. 24: 386-391. illus. O.15, 1928. no.20.

Werth, A.J.

Einige beachtenswerte ursachen des absterbens von obstbaumen. Ernahr. Pflanze. 24: 383-385. O.15, 1928. no.20.

Floralia. (Assen, Netherlands)

Schenk, P.J.

De honingpaddestoel. Floralia. 49: 667-668. illus. O.19, 1928. no.42.

Armillaria mellea.

Flor. Exch. (N.Y.)

Doig, J.S.

Talks on orchid culture. Flor. Exch. 69: 877. N.3, 1928. no.10.

Diseases and insects and their control.

Fruits & Gard. (Zeeland, Mich.)

Marshall, R.E.

Storage troubles: their prevention and control. Fruits & Gard. 26(11): 7,14. N.1928.

A discussion of some of the more common diseases and other troubles encountered in holding apples in cold and common storage and methods for their prevention and control.

Gard. Chron. (London)

Brown, N.E.

Mesembryanthemum (cont.) Platythyra, Aptenia N.E. Br. Gard. Chron. III, 84: 313. illus. O.20,1928. no.2182.

Darnell, A.W.

The genus Primula (cont.) Gard. Chron. III, 84: 312-313. O.20,1928. no.2182.

Pam, A.

Cooperia albicans. Gard. Chron. III,84: 306. illus.(p.305) O.20,1928. no.2182.

Bulbs from Peru, known there as "flor de amancaes". Cooperia albicans a new name for Zephyranthes albicans Baker. (Pyrolirion albicans Herb.)

Pettigrew, W.W.

The influence of air pollution on vegetation (cont.) Gard Chron. III, 84: 308-309. O.20, 1928. no.2182.

Gartenfl. (Berlin)

Wehrhahn, H.R.

Hybriden der gattung Iris II-VIII. Gartenfl. 77: 337-342. illus. O.1928.

Gum Tree.

Sumers, R.E.

Characteristics of the more important Tasmanian timbers. Gum Tree. 11(47): 26-30. S.1928.

Helvetica Chim. Acta. (Basel)

Karrer, P. & Widmer.

Pflanzenfarbstoffe VIII-IX. Helvetica Chim. Acta. 11: 837-842, 916-919. 1928. no.5.

VIII. Ueber die konstitution des monardaeins. By P. Karrer & Rose Widmer. IX. Der gelbe farbstoff der roten rose. Ueber die organischen sauren einiger bluten. By P. Karrer & Kurt Schwarz.

Hilgardia (Berkeley, Cal.)

Rosa, J.T.

Changes in composition during ripening and storage of melons. Hilgardia. 3: 421-443. S. 1928. no.15.

Hort. Illus. (Boston)
Bacher, J. G.
A new primrose from China. Hort. Illus. 6: 517. illus. N.1, 1928. no.21.
Primula florindae.

Illus. Landw. Zeit. (Berlin)
Zutavern, O.
Beobachtungen über kalkmangelerscheinungen in der praxis (cont.) Illus. Landw. Zeit. 48: 533-534. illus. O.12, 1928. no.41.

Inform. Agr. (Spain) (Madrid)
Benlloch, M.
El "negrón" o marchitez temprana de los patatares. Inform. Agr. Spain. 18: 410-413. S. 1928. no.418.

Jahrb. Wiss. Bot. (Leipzig)
Anderson, D.B.
Struktur und chemismus der epidermis-aussenwand von Clivia nobilis. Jahrb. Wiss. Bot. 69: 501-515. pl.i. S.1928. no.3.

Jaretzky, R.
Histologische und karyologische studien an polygonaceen Jahrb. Wiss. Bot. 69: 357-490. illus. S. 1928. no.3.

Schiller, J.
Ueber den verlauf der kernteilung bei Capparis mit dauerchromosomen. Jahrb. Wiss. Bot. 69: 491-500. illus. S.1928. no.3.

Journ. Agr. Prat. (Paris)
Lesourd, F.
Histoire des lotiers. Journ. Agr. Prat. n.s., 50: 316-317 O.20,1928. no.42.
Lotus corniculatus, L. uliginosus.

Lesourd, F.
Histoire du sainfoin. Journ. Agr. Prat. n.s., 50: 292-293. O.13, 1928. no.41.
Onobrychis sativa.

Schribaux, E.
Les meilleures variétés de blé a cultiver ou a essayer en 1928-1929. Journ. Agr. Prat. n.s., 50: 310-313. O.20, 1928. no.42.

Journ. Agr. Res.

Dillman, A.C.
Daily growth and oil content of flaxseeds. Journ. Agr. Res. 37: 357-377. illus. S.15, 1928. no.6. (Rec'd N.6)

Fellows, H.
The influence of oxygen and carbon dioxide on the growth of Ophiobolus graminis in pure culture. Journ. Agr.Res. 37: 349-355. S.15, 1928 (Rec'd N.6) no.6.

Ramsey, G.B. & Butler, L.F.
Injury to onions and fruits caused by exposure to ammonia. Journ. Agr.Res. 37: 339-348. col.pl. S.15,1928 (Rec'd N.6)
Discolorations of onions, apples, bananas, pears and peaches in storage.

Sellschop, J.P.F. & Salmon, S.C.
The influence of chilling, above the freezing point, on certain crop plants. Journ. Agr. Res. 37: 315-338. illus. col.pl. S.15,1928 (Rec'd N.6) no.6.

Journ. Bombay Nat. Hist. Soc.

Blatter, E.
A list of orchids, with some new species from the High Wavy Mountain (Madura District) Journ. Bombay Nat. Hist. Soc. 32: 518-523. pl. Ja.1928. no.3.
Chrysoglossum hallbergii, Eria pseudoclavicaulis, Odontochilus rotundifolius, sp.nov.

Blatter, E.
Revision of the flora of the Bombay Presidency V-VII. Gramineae. Journ. Bombay Nat. Hist. Soc. 32: 408-435, 622-649. Ja., My.1928. no.3-4.

Blatter E. & McCann, C.
Some new species of plants from the Western Ghats. Journ. Bombay Nat. Hist. Soc. 32: 733-736. pl. My,1928. no.4.

Jouguet, H.
Weeds of the Indian wayside. Journ. Bombay Nat. Hist. Soc. 32: 811-812. My.1928. no.4.

Journ. Chem. Soc. Japan.
Yoshimura, K. & Tsujimoto, M.
Chemical study of the seed protein of Cycas revoluta, Thunb. Journ. Chem. Soc. Japan. 49: 460-470. S.1928. no.9.
Text in Japanese.

Journ. Dept. Agr. Victoria. (Melbourne)
Cook, S.A.
Rind marking of citurs fruits. Finding the cause. Journ. Dept. Agr. Victoria. 26: 549-556. illus. S.1928. no. 9.
Caused by wind and rain storms.

Journ. Washington Acad. Sci.
Blake, S. F.
New South American species of Werneria. Journ. Washington Acad. Sci. 18: 485-501. N.4, 1928. no. 18.

Roshevitz, R.
A new representative of the grass genus Timouria from Mongolia. Journ. Washington Acad. Sci. 18: 502. N.4, 1928. no.18.
Timouria mongolica.

Kranke Pflanze. (Dresden)
Esmarch, F.
Die herz- und trockenfäule der rüben. Kranke Pflanze. 5: 161-163. illus. O.1928. no.10.

Matières Grass. (Paris)
Gillot, P.
Recherches sur les graines de l'"Euphorbia paralias" L. Matières Grass. 20: 8307-8308. O.15, 1928. no.246.

Mem. Soc. Vaud. Sci. Nat. (Lausanne)
Gaillard, G.
Les rosiers du Salève. Mém. Soc. Vaud. Sci. Nat. 2: 405-450. Ja.1928 (Rec'd Nov.) no.8.

Missouri Bot. Gard. Bull. (St.Louis)
An interesting house plant. Missouri Bot. Gard. Bull. 16: 103-105. pl.32-33. O.1928. no.8.
Bryophyllum pinnatum.

Montreal Pharm. Journ.

Suppan, L.
The ordeal bean of old Calabar. Montreal Pharm. Journ. 39: 308-310. O.1928. no.10.
Physostigma venenosum.

Mycologia.

Chardon, C.E. & Ciferri, R.
Romualdo Gonzalez Fragoso † June 3,1928. Mycologia. 20: 353. N./D.1928. no.6.

Cook, W.R.I. & Holt, E.M.
Some observations on the germination of the spores of some species of mycetozoa. Mycologia. 20: 340-352. N./D.1928. no.6.

Miller, J.H.
Biologic studies in the Sphaeriales II. Mycologia. 20: 305-339. pl.35-38. N./D.1928. no.6.

Nature. (London)

Percival, J.
Hybrids of Aegilops. Nature. 122: 610. O.20, 1928. no.3077.

Nature Mag. (Wash.,D.C.)

Barnes, W.C.
Tung oil. A new agricultural product for our southern states. Nature Mag. 12: 364-366. illus. D.1928. no. 6.

Bennett, H. H.
In the Valley of Vinales. There is the land of the magotes and bottle palms. Nature Mag. 12: 375-378. illus. D.1928. no. 6.

Mason, E.I.
Whence the poinsettia. How the popular Christmas symbol grows and got its name. Nature Mag. 12: 362-363. illus. D.1928. no.6.

Naturforsch. (Berlin)

Braun-Blanquet, J.
Ueber die pflanzengeographischen elemente Westdeutschlands. Naturforsch. 5: 297-306. pl.vii-viii. O.1928. no. 7.

Stephan, J.
Beitrag zum problem der lichtwirkung. Naturforsch. 5: 310-316. O.1928. no. 7.

New Zeal. Journ. Agr.(Wellington)

Hadfield, J.W.

Potato-culture. Descriptions of some of the more important varieties. New Zeal. Journ. Agr. 37: 152-161. illus. S.1928. no.3.

Hewlett, C.H.

Hot-water treatment of seed barley. Field experiments in Canterbury, season 1927-28. New Zeal. Journ. Agr. 37: 185-186. S.1928. no.3.

Northwestern Miller.

Kirby, R.S.

Fighting the stinking smut in Pennsylvania. Northwest. Miller. 156: 463. illus. O.31, 1928. no.4.

Nuovo Giorn.Bot. Ital. (Firenze)

Bolzon, P.

Contributo alla flora dell'Alto Adige. Nota III. Nuovo Giorn. Bot. Ital. n.s., 35: 97-111. 1928 no.1.

Ciferri, R.

Osservazioni sulla specializzazione dell'"Albugo ipomoeae-panduratae" (Schw.) Sw. Nuovo Giorn. Bot. Ital. n.s., 35: 112-134. illus., pl.vi. 1928. no. 1.

Albugo ipomoeae pes-caprae, n.sp.

Costa, T.

Contributo allo studio della "Cercospora beticola" (Sacc.) nella bassa vallata Padana. Nuovo Giorn. Bot. Ital. n.s., 35: 25-27. 1928. no. 1.

Negri, G.

L'"Echium creticum" di Moris. Nuovo Giorn. Bot. Ital. n.s., 35: 135-148. pl.vii. 1928. no.1.

Echium australe; in Sardinia, E.australe grandiflorum.

Savelli, R.

Anomalie di germinazione e anomalie delle plantule nei prodotti di "Nicotiana rustica" "Petunia hybrida". Nuovo Giron. Bot. Ital. n.s., 35: 28-37. illus. 1928. no. 1.

Nuovo Giorn. Bot. Ital. (cont.)

Savelli, R. & Costa, T.
Intorno ad una singolare producione carpologica di "Cucurbita moschata" Duch. Nuovo Giorn. Bot. Ital. n.s., 35: 15-20. pl. ii. 1928. no.1.

Savelli, R. & Costa, T.
Una prova sei volte negativa sulla pretesa influenza genetica del campo magnetico alternante. Nuovo Giorn. Bot. Ital. n.s., 35: 21-24. 1928. no. 1.

Savelli, R. & Costa, T.
Tentativi di convertire in aitionoma la partenocarpia autonoma di "Cucurbita moschata" Nuovo Giorn. Bot. Ital. n.s., 35: 5-14. pl. i. 1928. no. 1.

Scaramella, P.
Ricerche su alcune forme del genere "Penicillium" osservate a Firenze. Nuovo Giorn. Bot. Ital. n.s., 35: 38-96. pl. iii-v. 1928. no. 1.

Ochrana Rostlin (Prague)

Vielwerth, Vl.
Nepovsimnuta choroba zemiakov. Ochrana Rostlin. 8: 56-58. illus. 1928.
An unheeded disease of potatoes, Rhizoctonia solani.
Czechoslovakian; English abstract in Rev. Appl. Mycol. 7: 665.

Parfum. Mod. (Lyon, France)

Cerbelaud, R.
Le langage emblematique des plantes. Son origine subjective et objective. Parfum. Mod. 21: 267, 269, 271. S.1928. no. 9.

Pharm. Weekbl. (Amsterdam)

Pool, J.F.A.
Bijdrage tot de kennis van den anatomischen bouw van de belangrijkste in Nederlandsch-Oost-Indie voorkomende vergiftige Apocynaceae, benevens een overzicht van de daarin aanwezige werkzame verbindingen in verband met de opsporing van vergiftige plantendeelen. Pharm. Weekbl. 65: 905-923, 933-963, 981-996, 1010-1030, 1044-1075, 1084-1105. illus. 1928. no.37-42.

Phytopath. (Lancaster, Pa.)

Brierley, P.
Pathogenicity of Bacillus mesentericus, B. aroideae, B. carotovorus, and B. phytophthorus to potato tubers. Phytopath. 18: 819-838. illus., pl.xix-xxii. O.1928. no. 10.

Drechsler, C.
Pythium arrhenomanes n.sp., a parasite causing maize root rot. Phytopath. 18: 873-875. O.1928. no.10.

Guba, E.F.
Control of cucumber powdery mildew in greenhouses. Phytopath. 18: 847-860. illus., pl. xxviii. O.1928.

Lepik, E.
Differential staining of Peronosporaceae. Phytopath. 18: 869-872. O. 1928. no. 10.

Martin, G.H. & Charles, V.K.
Preliminary studies of the life history of Erostrotheca multiformis, the perfect stage of Cladosporium album Dowson. Phytopath. 18: 839-846. pl. xxiii-xxvii. O. 1928. no.10.

Ocfemia, G.O. & Calinisan, M.R.
The root-knot of abacá, or Manila hemp. Phytopath. 18: 861-867. illus. O.1928. no.10.
Root-knot due to Heterodera radicicola; bunchy top a virus disease.

Plant Physiology.

Brierley, W.G. & Hildreth, A.C.
Some studies on the hardiness of certain species of Vaccinium. Plant Physiology. 3: 303-308. Jl. 1928. no. 3.

Davis, A.R. & Hoagland, D.R.
An apparatus for the growth of plants in a controlled environment. Plant Physiology. 3: 277-292. Jl. 1928. no.3.

Harvey, R.B.
Plant physiology in Russia. Plant Physiology. 3: 353-355. illus. Jl.1928. no.3.

Plant Physiology (cont.)

Hibbard, R.P. & Miller, E.V.
Biochemical studies on seed viability I-
Plant Physiology. 3: 335-352. Jl.1928. no.3.
I. Measurements of conductance and reduction.

Loehwing, W. F.
Calcium, potassium, and iron balance in certain crop plants in relation to their metabolism.
Plant Physiology. 3: 261-275. Jl.1928. no. 3.

McLean, F.T. & Gilbert, B.E.
Aluminum toxicity. Plant Physiology. 3: 293-302. Jl.1928. no.3.

Schertz, F.M.
The quantitative determination of chlorophyll.
Plant Physiology. 3: 323-334. Jl.1928. no. 3.

Sideris, C.P.
Certain physicochemical properties of pineapple stem colloids. Plant Physiology. 3: 309-321. illus. Jl.1928. no. 3.

Sommer, A.L. & Sorokin, H.
Effects of the absence of boron and of some other essential elements on the cell and tissue structure of the root tips of Pisum sativum. Plant Physiology. 3: 237-260. pl.vii-xi. Jl.1928. no. 3.

Veihmeyer, F.J. & Hendrickson, A.H.
Soil moisture at permanent wilting of plants.
Plant Physiology. 3: 355-357. Jl.1928. no. 3.

Proc. Amer. Cranberry Grow. Assoc.

Beckwith, C.S.
False blossom. Proc. Amer. Cranberry Grow. Assoc. 59: 10-11. 1928.

Proc. California Acad. Sci.

Walther, E.
A key to the species of Eucalyptus grown in California. Proc. Calif. Acad. Sci. IV, 17: 67-87. Je.1928. no. 3.

Proc. Florida State Hort. Soc.

Fairchild, D.
Food prejudices and plant introduction.
Proc. Florida State Hort. Soc. 41: 12-23. 1928.

Fulton, H.R.
Decay in citurs fruit in transit. Proc. Florida State Hort. Soc. 41: 186-192. 1928.

Stevens, H.E.
Citrus diseases affecting the production of better fruit. Proc. Florida State Hort. Soc. 41: 176-179. 1928.

Proc. U.S. Nat. Mus.

Berry, E.W.
Tertiary fossil plants from the Argentine Republic. Proc. U.S. Nat. Mus. 73(22): 1-27. 5 pl. 1928. no.22.

Progr. Agr. & Vitic. (Montpellier)

Joessel, P.H.
Quelques maladies du pêcher et de l'abricotier dans la région Rhodanienne. Progr. Agr. et Vitic. 90: 370-374. O.14, 1928. no. 42.

Rep. Assoc. Hawaiian Sugar Techn.

Foster, J.P.
Artificially induced mutations. Rep. Assoc. Hawaiian Sugar Techn. 7: 26-33. 1928.

Weller, D.M.
Some effects of sub-soil fertilization on the tops and root system of H-109 cane. Rep. Assoc. Hawaiian Sugar Techn. 7: 93-105. illus. 1928.

Wolters, W.
Root distribution. Rep. Assoc. Hawaiian Sugar Techn. 7: 70-80. 1928.

Rev. Agr. Ile Maurice (Maurice)

Moutia, A.
Sur un des modes de transmission de la mosaique du tabac. Rev. Agr. Ile Maurice. 40: 179-180. Jl./Ag. 1928.

Rev. Agr. Ile Maurice (cont.)
Shepherd, E.F.S.
La gommose de la canne à sucre. Rev. Agr. Ile Maurice. 40: 173-176. Jl./Ag.1928.

Shepherd, E.F.S.
Le "leaf-scald". Rev. Agr. Ile Maurice. 40: 176-178. Jl./Ag. 1928.

Rev. Gén. Bot. (Paris)
Augem, A.
Les glucides des Iris, nature, genèse et transformations (cont.) Rev. Gén. Bot. 40: 537-554. S.1928. no. 477.

Guilliermond, A.
Recherches sur quelques ascomycètes inférieurs isolés de la stigmatomycose des graines de cotonnier. Essai sur la phylogénie des ascomyceètes (cont.) Rev. Gén. Bot. 40: 555-574. illus. S. 1928. no. 477.

Lubimenko, V.N. & Sŷeglova, Mlle. O.A.
L'adaptation photopériodique des plantes. Rev. Gén. Bot. 40: 513-536. S.1928. no.477.

Rev. Gén. Hort. & Cult. Fruit. (Paris)
Evreinow, V.
Pamplemousse ou pomelo (Citrus decumana D.C.) (cont.) Rev. Gén. Hort. & Cult. Fruit. 6: 1038-1039. Ag./S.1928. no.64.

Rev. Gén. Sci. (Paris)
Rolet, A.
L'électrogénétique. Rev. Gén. Sci. 39: 544-548. illus. O.15,1928. no. 19.

Rev. Hort. (Paris)
Chantrier, J.
Coloration nouvelle des Caladiums du Brésil. Rev. Hort. 100: 252-253. col.pl. O.16, 1928. no. 10.

Mottet, S.
Les conifères gélives. Rev. Hort. 100: 258-259. O.16, 1928. no.10.

Sabourin, L.
Un Rhododendron précoce: le Rhododendron moupinense Franchet. Rev. Hort. 100: 244-245. illus. O.16, 1928. no. 10.

Rev. Hort. Algérie (Alger)
Cayeux, L.
Etude et emploi des légumes nouveaux. Les plus intéressants au point de vue horticole obtenus ou introduits depuis 1900 (concl.) Rev. Hort. Algérie. 32: 189-200. S.1928. no. 9.

Rev. Techn. Monop. Tabacs. Rep. Turque.
Perri, O. & Osman, A.
Lutte contre les ennemis du tabac. Rev. Techn. Monop. Tabacs Rep. Turque. 1: 27-29. 1928.
Disinfection of seed beds.

Rev. Vitic. (Paris)
Viala, P.
Recherches sur les maladies de la vigne. Nouvelles observations sur l'esca. Rev. Vitic. 69: 229-235. illus. O.11, 1928. no.1789.
Stereum necator et Schizophyllum commune.

Riv. Biol. (Milan)
Brunori, N.
Le radio-onde nella cura delle malattie. Riv. Biol. 10: 464-480. illus. My./Ag. 1928. no.3/4.

Science. (Lancaster, Pa.)
Beadle, G.W. & McClintock, B.
A genic disturbance of meiosis in Zea mays. Science. n.s., 68: 433. illus. N.2, 1928. no.1766.

Crider, F.J.
Winter root growth of plants. Science. 68: 403-404. O.26, 1928. no. 1765.

Day, D.
Some effects on Pisum sativum of a lack of calcium in the nutrient solution. Science. n.s., 68: 426-427. N.2, 1928. no. 1766.

Scient. Agr. (Ottawa)
Garber, R.J.
The nature and significance of mutations in present day breeding methods. Scient. Agr. 9: 133-143. N.1928. no. 3.

Scient. Agr. (cont.)

Harrington, J.B. & Smith, W.K.
Yellow seedlings in wheat. Scient. Agr. 9: 147-153. N.1928. no.3.
Chlorophyll deficiency.

Mather, W.J.
Winter rye for western Canada. Scient. Agr. 9: 154-172. illus. N.1928. no. 3.

Sci. Proc. Roy. Dublin Soc.

Boyle, C., Murphy, M. & H.A. Cummins.
"Blossom-wilt" of apple trees and "wither-tip" of plum trees, with special reference to two biologic forms of Monilia cinerea Bon. Sci. Proc. Roy. Dublin Soc. n.s., 19: 63-76. pl.3-5. S.1928. no.1/8.

Dixon, H. H. & Bennet-Clark, T.A.
Influence of temperature on response to electrical stimulation. Sci. Proc. Roy. Dublin Soc. n.s., 19: 27-38. S.1928. no.1/8.

Poole, J.H.J.
A simple form of photo-electric photometer, using a neon lamp to measure the current. Sci. Proc. Roy. Dublin Soc. n.s., 19: 17-25. illus. S.1928. no.1/8.

Sitzungsb. Naturf. Ges. Univ. Tartu (Tartus)

Lepik, E.
Beitrage zur nomenklatur der ostbaltischen pilzflora I- Sitzungsb. Naturf.-Ges. Univ. Tartu. 35: 21-29. 1928. no.1/2.

Special Crops (Skaneateles, N.Y.)

Whetzel, H.H.
The Ramularia rust. Special Crops. n.s., 27: 278-279. O.1928. no.314.
Ramularia on ginseng.

Trans. Roy. Soc.Canada.

Buller, A.H.R.
The plants of Canada, past and present. Trans. Roy. Soc. Canada. III, 22: xxxiii-lvii. 1928.
Appendix A.
Historical survey.

Trop. Agriculture. West Indies (Trinidad)
Freeman, W.G.
Witch broom in Trinidad. Trop. Agr. West Indies. 5: 287-288. illus. N.1928. no.11.

Trudy Prikl. Bot. Gen. i Selsk. (Bull. Appl. Bot. Gen. & Plant Breed.) (Leningrad)
Barulina, E.
... Lentils of Afghanistan. TrudyPrikl Bot. Gen. i Sel. (Bull. Appl. Bot.,Gen. & Plant Breed.) 19(2): 23-48. illus. (incl. map) 1928.
Russian with English summary.
Varieties of Lens esculenta & Vicia ervilia.

Basilevskaja, N.A.
... On the races of the opium poppy, growing in Semiretchie, and the origin of their culture. Trudy Prikl. Bot.,Gen. i Sel. (Bull. Appl. Bot., Gen. & Plant Breed.) 19(2): 95-184. illus. (incl. map) fold.map. 1928.
Russian with English summary.

Dekaprelevich, L.L. & Kasparian, A.S.
... A contribution to the study of foxtail millet (Setaria italica P.B. maxima Alf.) cultivated in Georgia (Western Transcaucasia). Trudy Prikl. Bot., Gen. i Sel. (Bull. Appl. Bot., Gen. & Plant Breed.) 19(2): 533-572. illus., fold. map. 1928.
Russian with English summary.

Flaksberger, K.
... The emmers (Triticum dicoccum Schrnk) of ancient Egypt and of modern times. Trudy Prikl. Bot., Gen. i Sel. (Bull. Appl. Bot., Gen. & Plant Breed.) 19(1): 497-518. illus. 1928.
Russian with English summary.

Flaksberger, K.
... Revision Eutriticorum ex herbario B. Czernjaewi. Trudy Prikl. Bot.,Gen. i Sel. (Bull. Appl. Bot.,Gen. & Plant Breed.) 19(1): 359-370. illus. 1928.
Russian with English summary.
T. durum var. incelebratum, T. durum candicans f. czernjaevi are new.

Trudy Prikl. Bot., Gen. i Selsk. (Bull.Appl. Bot. Gen. & Plant Breed. (cont.)

Fortunatova, O.K.
... Dependence of the height of plants on the geographical factors of growth. Trudy Prikl. Bot., Gen. i Sel. (Bull. Appl.Bot., Gen. & Plant Breed.) 19(1): 385-466. illus.(maps) 1928.
Russian with English summary.

Goschele, E.
... The response of barleys to the parasitic fungus Helminthosporium teres Sacc. Trudy Prikl. Bot., Gen. i Sel.(Bull.Appl. Bot., Gen. & Plant Breed.) 19(1): 371-384. 1928.
Russian with English summary.

Govorov, L.I.
... The peas of Afghanistan. A contribution to the problem of the origin of cultivated peas. Trudy Prikl. Bot., Gen. i Sel. (Bull. Appl. Bot., Gen. & Plant Breed.) 19(2): 497-522. illus., col.pl. 1928.
Russian with English summary.

Iljin, M.M.
... Corispermum declinatum Stern (sic) a new weed in the crops of European U.S.S.R. Trudy Prikl. Bot. Gen., i Sel. (Bull. Appl. Bot. Gen. & Plant Breed.) 19(2): 69-72. illus. 1928.
Russian with English summary.

Ivanov, N. R.
... Peculiarities in the originating of forms of Phaseolus L. in the old and in the new world. Trudy Prikl. Bot., Gen. i Sel. (Bull. Appl. Bot., Gen. & Plant Breed.) 19(2): 185-212. illus. 1928.
Russian with English summary.

Kamensky, K.V.
... Absonderung der seide aus kleesamen vermittels eines elektromagnets. Trudy Prikl. Bot. Gen. i Sel. (Bull. Appl. Bot., Gen. & Plant Breed.) 19(2): 73-94. illus. 1928.
Russian with German summary.

Trudy Prikl. Bot., Gen. i Selsk. (Bull. Appl.Bot. Gen. & Plant Breed. (cont.)

Kobelev, V.
... Froments de l'Afghanistan (Les variétés et leur distribution) Trudy Prikl. Bot., Gen. i Sel. (Bull. Appl. Bot., Gen. & Plant Breed.) 19(1): 3-120. illus. 1928.
Russian with French résumé.

Kuleshov, N.N.
... Some pecularities in the maize of Asia. Trudy Prikl. Bot., Gen. i Sel. (Bull.Appl. Bot. Gen. & Plant Breed.) 19(2): 325-374. illus. 1928.
Russian with English summary.

Kuznetsova, N.A. & Milovanov, V.K.
... Materials for the determination of the sedges of central Russia by their vegetative shoots. Trudy Prikl. Bot. Gen. i Sel. (Bull. Appl. Bot.,Gen. & Plant Breed.) 19(2): 233-304. illus. 1928.
Russian with English summary.

Muratova, V.S.
... Beans of Afghanistan (Vicia faba L.) Trudy Prikl. Bot.,Gen.i Sel.(Bull. Appl. Bot., Gen. & Plant Breed.) 19(2): 1-21. illus. (incl. map.) 1928.
Russian with English summary.

Popova, G.
... A contribution to the morphology and biology of Hibiscus cannabinus L. Trudy Prikl. Bot., Gen. i Sel. (Bull. Appl.Bot., Gen.& Plant Breed.) 19(2): 463-496. illus. 1928.
Russian with English summary.

Popova, G.M.
... Hybrids of Aegilops crassa Boiss. x Triticum vulgare Host. Trudy Prikl. Bot.,Gen. i Sel. (Bull. Appl.Bot., Gen. & Plant Breed.) 19(1): 473-496. illus. 1928.
Russian with English summary.

Trudy Prikl. Bot., Gen. i Selsk. (Bull. Appl. Bot.,Gen. & Plant Breed. (cont.)

Prikhod'ko, M.P.

... Botanical diversity of wheat crops in the environs of Tiflis (Caucasus). Trudy Prikl. Bot., Gen. i Sel.(Bull. Appl. Bot., Gen. & Plant Breed.) 19(1): 467-472. 1928.

Russian with English summary.

Roshevits, R.

... Nouveau matériaux sur la flore des graminées de l'Afghanistan. Trudy Prikl. Bot., Gen. i Sel. (Bull. Appl.Bot., Gen. & Plant Breed.) 19(1): 121-126. illus. 1928.

Russian with French résumé, Latin diagnosis of new species (Oryzopsis vavilovi).

Rozanova, M.A.

... On the sexual dimorphism in Rubus chamaemorus L. Trudy Prikl. Bot., Gen. i Sel. (Bull. Appl. Bot., Gen. & Plant Breed.) 19(2): 315-324. illus. 1928.

Russian with English summary.

Sapegin, A.A.

... Hylogenetic investigations of the vulgare group in Triticum. Trudy Prikl. Bot. Gen. i Sel.(Bull. Appl.Bot., Gen. & Plant Breed.) 19(1): 127-166. illus. 1928.

Russian with English summary.

Sapegin, L.A.

... Triticum durum Desf. (Hylogenetics of durum wheat) Trudy Prikl. Bot., Gen. i Sel. (Bull. Appl.Bot., Gen. & Plant Breed.) 19(1): 167-224. illus. 1928.

Russian with English summary.

Sorokina, O.N.

... On the chromosomes of Aegilops species. Trudy Prikl. Bot., Gen. i Sel. (Bull. Appl. Bot., Gen. & Plant Breed.) 19(2): 523-533. illus. 1928.

Russian with English summary.

Trudy Prikl. Bot.,Gen. 8 Selsk. (Bull.Appl.Bot., Gen. & Plant Breed.(cont.)

Troitsky, N.
... A contribution to the question of the role played by hybridisation in the formation of species. Trudy Prikl.Bot., Gen. i Sel. (Bull. Appl. Bot., Gen. & Plant Breed.) 19(2): 213-231. illus. (incl. maps) 1928.
Russian with English summary.

Tumanian, M.G.
... The club wheats of Armenia. Trudy Prikl. Bot., Gen. i Sel. (Bull. Appl. Bot., Gen. & Plant Breed.) 19(1): 225-276. illus. 1928.
Russian with English summary.

Zhukovsky, P.M.
... Awnless six-rowed barley from Cilicia. Trudy Prikl. Bot., Gen. i Sel. (Bull. Appl. Bot., Gen. & Plant Breed.) 19(2): 67-68. illus. 1928.
Russian with English summary.
Hordeum vulgare subsp. hexastichon var. dundarbeyi.

Zhukovsky, P.M.
... A new species of wheat. Trudy Prikl. Bot., Gen. i Sel. (Bull. Appl. Bot., Gen. & Plant Breed.) 19(2): 59-66. illus., incl.map. 1928.
Russian with English summary.
Triticum timopheevi.

Zhukovsky, P.M.
... A new wild growing form of rye in Anatolia (Asia Minor) Some preliminary critical remarks about the species Secale cereale L. Trudy Prikl. Bot., Gen. i Sel. (Bull. Appl. Bot., Gen. & Plant Breed.) 19(2): 49-58. illus., pl. 1928.
Russian with English summary.
S. cereale var. spontaneum.

Die Umschau. (Frankfurt)

Lepke,
Die wirkung des windes auf bäume. Die Umschau. 32: 877-878. illus. 0.20, 1928. no.43.

Die Umschau. (cont.)

Neisser, M.

Ein eigenartiger irrtum und seine berichtigung. Die Umschau. 32: 871-872. O.20, 1928. no.43.

Haplococcus reticulatus Zopf shown by Möller (Biol. Zentralbl. v.8, 1888/89) to be untenable, a correction accepted by Zopf.

U.S. Dept. Agr. Plant Dis. Rep.

Hedges, F.

Bacterial diseases of beans in some western commercial seed-growing and canning areas and southern trucking sections in 1927 and 1928. U.S. Dept. Agr. Plant Dis. Rep. 12: 121-122. O.15, 1928.

Bacterium medicaginis phaseolicola, B. phaseoli, B. flaccumfaciens.

Walker, J. C.

Onion storage troubles in Illinois, Wisconsin, Indiana and Iowa. U.S. Dept. Agr. Plant Dis. Rep. 12: 123-124. O.15, 1928.

Botrytis, smudge, purple blotch.

Walker, J.C.

Report on some diseases of cabbage in wisconsin, Illinois and Indiana. U.S. Dept. Agr. Plant Dis. Rep. 12: 122-123. O.15, 1928.

Black-rot, black-leg, yellows, clubroot, Rhizoctonia.

Univ. Calif. Publ. Bot. (Berkeley, Cal.)

Condit, I.J.

Cytological and morphological studies in the genus Ficus I. Chromosome number and morphology in seven species. Univ. Calif. Publ. Bot. 11: 233-244. pl. 7. O.1928. no.12.

Ruttle, M.L.

Chromosome number and morphology in Nicotiana II. Diploidy and partial diploidy in root tips of tabacum haploids. Univ. Calif. Publ. Bot. 11: 213-231. illus. O.1928. no.11.

Exper. Stat. Publ.

Wedgworth, H.H.

Experiments on the control of a narcissus root-rot. Mississippi Agr. Exp. Stat. Circ.79. 4 p. illus. Ag.1928 (Rec'd N.)

Fusarium.

Exper. Stat. Publ. (cont.)

Chardon, C.E.
Experiencias sobre la caña P.O.J. 2725. Bol. Estac. Exp. Ins. Porto Rico. 34. 67 p. illus. col.pl. Ag.1928 (RecId N.)

Morris, H.F. & McNess, G.T.
Varieties of cotton for central east Texas. Texas Agr. Exp. Stat. Bull.384. 36 p. S.1928.

Linford, M.B.
A Fusarium wilt of peas in Wisconsin. Wisconsin Agr. Exp. Stat. Res. Bull. 85. 44 p. illus. Je. 1928 (Rec'd N.)
Fusarium orthoceras var. pisi.

State Publications.

Stillinger, C.R.
The quarantine phase of white pine blister rust. Proc. 9th Ann. Conf. West. Plant Quarantine Bd. California Dept. Agr. Spec.Publ. 85: 90-95. 1928.

New Books.

Appel, O.
Taschenatlas der krankheiten des kern- und steinobstes. 2.v. Berlin, P. Parey, 1928.

Chevalier, A.
Les origines du tabac et les débuts des sa culture dans le monde. Paris, Editions de la Revue internationale des tabacs, 1927.

Gregory, C.T. & Davis, J.J.
Common garden pests. Des Moines, Better homes and gardens, 1928.

Hall, H.M.
The genus Haplopappus. A phylogenetic study in the Compositae. Washington, 1928 (Publ. Carnegie Inst. Washington, no.389)
H. rusulatus, H. occidentalis, n.spp.

Kraemer, H.
Kraemer's scientific and applied Pharmacognosy 3d ed., thoroughly rev. by... E.L. Newcombe (& others] N.Y., J. Wiley, 1928.

Martinez, M.
Las plantas mas utiles que existen en la Republica Mexicana. Mexico, 1928.

New Books. (cont.)

Meyer, E.
Beitrag zur entwicklungsgeschichte der phytopathologie und des pflanzenschutzes. Unter besonderer berücksichtigung folgender krankheiten: honigtraukrankheit, mehltaukrankheit, mutterkorn, rosstau, rost des getreides, brand des getreides. Leipzig, F.C.W. Vogel, 1928.

Oden, S.
Växterna och ljuset. Stockholm, O. L. Svanbäcks boktryckeri, 1927.

Pøterfi, T. ed.
Methodik der wissenschaftlichen biologie. 2 v. Berlin, J. Springer, 1928.

Saccardo, P.A.
Sylloge fungorum... v.24, sectio II. Supplementum universale pars X. Pyrenomycetae p.p., Discomycetae, app. (addenda ad vol. 23-24) curante A. Trotter. Abellini, Ap.1928.

Werner, R.G.
Recherches biologiques et expérimentales sur les ascomycètes de lichens. Mulhouse, Braun & Cie., 1927.

BOTANY
CURRENT LITERATURE

ADDITIONS TO THE BOTANICAL CATALOGUE, BUREAU OF PLANT INDUSTRY
COMPILED FROM PUBLICATIONS RECEIVED IN THE
LIBRARY OF THE UNITED STATES DEPARTMENT OF AGRICULTURE, WASHINGTON, D.C.

LC

LIBRARY
RECEIVED
★ DEC - 1928
U.S. Department of Agr.

Vol.10, no.24. November 12-24,1928.

Agr. Gaz. N.S.W. (Sydney)

Anderson, R.H.
Farm forestry V. the native and introduced trees of New South Wales (cont.) Agr. Gaz. N.S.W. 39: 762-774. illus. O.1928. no.10.

Seddon, H.R.
Milk weed (Euphorbia drummondii) proved poisonous to sheep. Agr. Gaz. N.S.W. 39:777-782. O.1928. no.10.

Agr. Y Zootecn. (Habana)

González, A. de J.
Enfermedades de las plantas. Agr. y Zootecn. 7:469-470. port. S. 1928. no.12.

Amer. Produce. Grow. (Chicago).

Brown, H.D.
Eradicating nematodes from greenhouse soils. Amer. Produce Grow. 3(11):8-9. illus. N.1928.

Ann. Gembloux (Brussels)

Verplancke, G.
Organisation de la lutte contre les rouilles des céréales aux Etats-Unis d'Amérique et spécialement dans l'etat de Minnesota. Ann. Gembloux. 34:323-334. O.1923. no.10.

Ann. Rep. Dept. Agr. & Nat. Res. Philippine Isl.

Philippine Isl. Dep. of agriculture and natural resources.
Plant diseases. Ann. Rep. Dept. Agr. & Nat. Res. Philippine Isl. 27(1927): 71-75. 1928.

Ann. Sci. Agron. (Paris)

Bertrand, G. and Rosenblatt, M.
Sur les proportions de potassium et de sodium contenues dans les algues marines. Ann. Sci. Agron. 45:431-435. S./O.1928. no.5.

Arb. Biol. Reichanst. Land- u. Forstw. (Berlin)
Steyer, K. and Eberle, G.
Die unkrautflora der aecker und ihre beduntung als biologisches reagens auf den reaktionzustand ihrer böden. Arb. Biol. Reichsanst. Land.- u. Forstw. 16:325-422. Jl. 1928. no.2.

Wollenweber, H.W., and Stapp, C.
Untersuchungen über die als ulmensterben bekannte baumkrankheit. Arb. Biol. Reichsanst. Land.- u. Forstw. 16:283-324. illus., pl.i-iii. Jl.1928. no.3.

Arch. Pharm. & Ber. Deut. Pharm. Ges. (Leipzig)
Keller, O.
Ueber inhaltsstoffe dur wurzel von Helleborus niger und viridis; neue alkaloide aus Helleborus viridis. Arch. Pharm. & Ber. Deut. Pharm. Ges. 266:545-572. N.1928. no.8.

Arch. Protistenk. (Jena)
Bachmann, E.
Die pilzgallen einiger cladonien IV. Blattgallen und beblätterte gallen. Arch. Protistenk. 64:109-151. illus. O.1928. no.1/2.

Kořinek, Jan.
Ueber die bakteriensymbiose der oscillatorien. Arch. Protistenk. 64:98-108. pl.9. O.1928. no.1/2.

Lohway, H.
Mykologische studien I- Arch. Protistenk. 64:1-18. pl.1. O.1928. no.1/2
I. Ein experiment mit Phallus.

Mainx, F.
Einige neue chlorophyceen (Tetrasporales und Protococcales). Arch. Protistenk. 64:93-95. illus. O.1928. no.1/2.
Chlorella asymmetrica, Coccomyxa simplex, Gloeocystis maxima, nov. spec.

Arch. Suikerind. Nederl. Indië (Meded.) (Soerabaja)
Posthumus, O.
De belangrijkste Royaltysoorten. Arch. Suikerind. Nederl. Indië v.3 (Meded. 1928, no. 19) p.949-975. illus.
Beschrijving der soorten van het suikerriet, 15 bijdrage.

Beih. Bot. Centralbl. Abt.I.
Czurda, V.
Morphologie und physiologie das algenstärkekornes. Beih. Bot. Centralbl. Abt. I. 45:97-270. illus. S. 1928. no.2.

Beih. Repert. Spec. Nov. (Dahlem)
Alechin, W.
Die alluvionen der flusstäler in Russland. Beih. Repert. Spec. Nov. Fedde. 47. 79 p. 2 pl. N.1927. (Rec'd. N.1928)

Beiträge zur systematik und pflanzengeographie V. Beih. Repert. Spec. Nov. Fedde. 51. 145 p. 7 pl. 1928.
Contents: Beiträge zur kenntnis von Trentepholia iolithus (L.) Wallr. By Erwin Irgang; Ein beitrag zur kenntnis von Crocus sieberi Gay. By K. Schulz-Korth; Von der besiedelung und der flora von Maulwurfshugeln. By H. Pfeiffer; Ueber die ursachen des rückganges der systematischen botanik und der pflanzengeographischen forschung in Deutschland. By F. Fedde. Analytische studie über die beziehungen der phanerogamenflora von Arnhemsland (Nordaustralien) By O. Schwarz; Ausblicke auf die leitpflanzen in der floristischen facies der assoziationen des harzes. By O. Drude; Novae hybridae et formae generis Ophrys. By A. Fuchs.

Gorschboth, P.
Die "hesperidine" in den achaenen der kompositen vornehmlich im hinblick auf pharmazeutisch wichtige pflanzen. Beih. Repert. Spec. Nov. Fedde. 48. 60 p. illus. Je.1927.(Rec'd N.1928)

Markgraf, F.
An den grenzen des mittelmeergebiets. Pflanzengeographie von Mittelalbanien. Beih. Repert. Spec. Nov. Fedde. 45. 217 p. 7 pl. Ap.1927. (Rec'd. N.1928)

Rompp, H.
Die verwandtschafts-verhältnisse in der gattung Veronica. Beih. Repert. Spec. Nov. Fedde. 50. 172 p. F.1928. (Rec'd. N.)

Schindler, A.K.
Die desmodiinen in der botanischen literatur nach Linné. lfg. 1. Beih. Repert. Spec. Nov. Fedde. 49:1-160. Ap. 1928. (Rec'd N.)

Bergcultures (Batavia)

Steinmann, A.

Het Rhizoctonia-probleem op het derde landbouwcongres in Ceylon. De Bergcultures. 3:330-333. S.29,1928. no.13.

Remarks on W. Small's article on Rhizoctonia.

Bibliographia Genetica.

Bleier, H.

Genetik und cytologie teilweise und ganz steriler getreidebastarde. Bibliographie genetica 4: 321-400 1928.

East, E. M.

The genetics of the genus Nicotiana. Bibliographia genetica 4: 243-320. 1928.

Gates, R.R.

The cytology of Oenothera. Bibliographia genetica 4: 401-492. illus. 1928.

Harland, S. C.

The genetics of Ricinus communis L. Bibliographie genetica 4: 171-178. 1928.

Saunders, E.R.

Matthiola. Bibliographia genetica 4: 141-170. 1928.

Tammes, T.

The genetics of the genus Linum. Bibliographia genetica 4: 1-36. 1928.

Blue Anchor. (Sacramento, Calif.)

Thompson, Firman

Spray residue in 1929. Blue Anchor. 5:16,31. N.1928. no.11.

Bol. Acad. Nac. Cienc. Cordoba.

Schroeder, J.

El "Solanum commersonii" Dunal. Observaciones y apuntes sobre su estado silvestre en el Uruguay, los ensayos de cultivo en Sud América y Europa y la composición química de la planta espontánea y mutada. Bol. Acad. Nac. Cienc. Cordoba. 29:355-413. illus. 1928. no.4.

Bolezni Rast. (Morbi Plant.) (Lenigrad)

Balakhonov, P.I.
Zur frage über plötzliche erscheinungen falscher mehltau auf weinstock. Bolezni Rast. (Morbi Plant.) 16: 65-68. 1928.
Russian.

Bondartsev, A.S.
... Artenbestand der hausschwamme in Leningrad nach der arbeiten der Phytopathologischen abteilung fur 1924-27. Bolezni Rast. (Morbi Plant.) 16: 185-188. 1928.
Russian with very brief German summary.

Buchheim, A., and Orlova-Borisova, E.I.
... Zur biologie der erysiphaceen. Bolezni Rast.(Morbi Plant.) 16:26-31. 1928.
Russian with German summary.

Dekenbakh, K.N.
... Versuche der anwendung von schwefelkalkbrühe gegen mehltau auf karde und kurbissgewachse. Bolezni Rast. (Morbi Plant.) 16:172-175. 1928.
Russian.
Teazel and Luffa Aegyptiaca.

Dobrozrakova, T.
... Neuheiten der lokalen mycoflora. Bolezni Rast. (Morbi Plant.) 16: 197-204. illus. 1928.
Russian with Latin diagnosis (Naumovia (gen. nov.) N.abundans, Ophiobolus armentorum, O. saturejae, Phyllosticta campanulae-latifoliae, P.equiseti, P. linnaeae, P.polygalae, Ascochyta albo-maculata, Cytospora intrusa, Colletotrichum achillae, Cercospora equiseti n.sp.)

Gutner, L.
... Einige neue ascomyceten-arten und fungi imperfecti gesammelt in gouv. Leningrad. Bolezni Rast. (Morbi Plant.) 16: 204-208. illus. 1928.
Russian with Latin diagnosis (Melanconis naumovii, Diatrypella hortensis, D.sorbicola, Phomopsis grossulariae, Rhabdospora laricis, Camarosporium transversum new spec.)

Kanchzveli, L.
... Neue georgische pilzarten. Bolezni Rast. (Morbi Plant.) 16: 81-94. illus. 1928.
Russian with Latin diagnosis.
Anthostomellina (gen.nov.) A. carpinea, Scyphospora (gen.nov.) S. phyllostachidis & a number of new species described.

Bolezni Rast. (Morbi Plant.) (cont.)

Kliusknikova, E.S.
... Le mycelium de l'Ustilago tritici son extension dans les tissus du froment, et les altérations qu'il provoque dans la structure de la plante nourricière. Bolezni Rast. (Morbi Plant.) 16: 1-25. illus. 1928.
Russian with French résumé.

Markova-Letova, M.F.
... Neue pilzarten aus dem gouv. Leningrad. Bolezni Rast. (Morbi Plant.) 16:194-197. illus. 1928.
Russian with Latin diagnosis (Phoma erythraeae, P. origani, Plenodomus meliloti, Lasiosphaeria monotropae, Mycosphaeria aucubae).

Murav'ev, V. P.
... Mehltau auf der zuckerrübe. Bolezni Rast. (Morbi Plant.) 16: 175-178. 1928.
Russian.
German review in Bot. Centralbl. 155(n.s., 13): 120.
Erysiphe polygoni f. betae.

Naumov, N.A.
Contributions à l'étude de la hernie du chou II. Bolezni Rast. (Morbi Plant.) 16: 51-65. 1928. no.1/2.
Russian with French résumé.

Naumov, N.A.
... Ueber einige neue oder wenig bekannte discomyceten aus dem bezirk von Leningrad. Bolezni Rast. (Morbi Plant.) 16:209-212. illus. 1928.
Russian with Latin diagnosis (Mollisia marchantiae, Lachnea pallida, Humaria allantospora, n.spp.)

Bolezni Rast. (Morbi Plant.) (cont.)
Teterevinikova-Babajan, D.
... Beobachtungen über biologische arten von Puccinia graminis Pers., ausgefuhrt in Detskoje selo in 1926 u. 1927. Bolezni Rast. (Morbi Plant.) 16: 35-50. 1928.
Russian.

Vanin, S. I.
... Ueber die resistenz des holzes verschiedener baumarten in bezug auf den hausschwamm. Bolezni Rast. (Morbi Plant.) 16:68-81. 1928.
Russian with German summary.

Boll. Uff. R. Staz. Sper. Ind. Pelli Napoli-Torino
Baldracco, G.
La lotto contro il male dell'inchiostro. Boll. Uff. R. Stanz. Sper. Ind. Pelli Napoli-Torino. 6:80-83. Ap.1928. no.4.

Bot. Arch. (Königsberg)
Goepp, K.
Ein beitrag zur kenntnis der abbauerscheinungen bei getreide auf grund von beobachtungen und untersuchungen an hafersorten. Bot. Arch. 22:133-328. S.1928. no.1/2.
English abstract: p.210-217.

Mattern, M.
Die physiognomie eines buchenwaldes. Bot. Arch. 22:1-132. illus. S.1928. no.1/2.
English abstract: p.128-130.

Wilkoewitz, K., and Ziegenspeck, H.
Die verschiedenen generationen und jugend- und altersformen in ihrer einwirkung auf den ausfall der pracipitinreaktionen. Bot. Arch. 22:229-244. S.1928. no.1/2
English abstract: p.244.
Ein botanisch-zoologische studie mit versuch eines serologischen wirbeltierstammbaumes.

Bull. Agence Gén. Colon. France (Paris)
Heim de Balsac, F., Dagand, G.S., Heim de Balsac, H., Lefèvre, L., Maheu, J. & Parveaud, A.
Suifs d'Irvingia, leurs plantes productrices (cont.) Bull. Agence Gén. Colon. France. 21: 1120-1129. pl. n.1928. no.238.

Bull. Deli Proefst. Medan, Sumatra.

Jochems, S.C.J.

Een nieuwe virusziekte van Deli-tabak, de Rotterdam B-ziekte. Bull. Deli Proefst. Medan-Sumatra. 26:5-26. 3 pl. [1928]

English summary (A new virus disease of Deli tobacco, Rotterdam B-disease): p.24-26.

Jochems, S.C.J.

Vier nieuwe waardplanten van Bacterium solanacearum E.F.S. Bull. Deli Preofst. Medan-Sumatra. 27:29-32. [1928]

English summary (Four new hosts of Bacterium solanacearum E.F.S.): p.32.

Fleurya interrupta, Phytolacca octandra, Sesbania grandiflora, Ruellia tuberosa.

Bull. Dir. Gén. Agr. Comm. et Colon. Tunis.

Boeuf, F.

Les problemes que pose l' amélioration du blé en Tunisie. Bull. Dir. Gén. Agr. Comm. et Colon. Tunis. 32:207-209. 1928. no.133.

Petit, A.

Lutte contre les ustilaginées des céréales. Traitement des semences, substances a usages multiples. Variétés résistantes. Bull. Dir. Gén. Agr. Comm. et Colon. Tunis. 32:213-223. 1928.

Bull. Gard. Club Amer. (Sewickley, Pa.)

Hunt, R.M.M.

Colonial gardens (concl.) Bull. Gard. Club Amer. III, 24:8-16. N.1928.

Bull. Peking Soc. Nat. Hist.

Liu, Ju-ch'iang

Cowdry collections of Chihli flora (and plants from Chefoo) Bull. Peking Soc. Nat. Hist. 2: 47-194. illus. (map.) port. 1928. no.3.

Port. of Mr. N.H. Cowdry.

Note states that name of Chihli prov. changed to Hopei and Peking to Pei Ping.

Bull. Rubber Grow. Assoc.

Ashplant, H.

Spraying of rubber. Bull. Rubber Grow, Assoc. 10:677-679. O. 1928. no.10.

Reprinted from his Annual report.

Bull. Sci. Pharm. (Paris)
Gillot, P.
Recherches sur les graines de l"Euphorbia paralias" L. Bull. Sci. Pharm. 35:561-564. O.1928. no.10.

Bull. Soc. Chim. Biol. (Paris)
Freundler, P.
Sur l'évolution de l'iode chez les laminaires. Bull. Soc. Chim. Biol. 10:1123-1128. S./O.1928. no.8.

Bull. Misc. Inform. Kew. (London)
Becker, W.
On the type specimen of Viola confusa. Bull. Misc. Inform. Kew. 1928:383-384. no.9.

Hutchinson, John & Dalziel, J. M.
Tropical African plants V. Bull. Misc. Inform. Kew. 1928:380-382.

Sandwith, N.Y.
New species from British Guiana. Bull. Misc. Inform. Kew. 1928:365-379. no.9.

Sprague, T.A.
The correct spelling of certain generic names III. Bull. Misc. Inform. Kew. 1928:337-365. no.9.

Calif. Cult. (Los Angeles)
Baade, J.H.
Diamond canker in Napa County. Calif. Cult. 71:494. illus. N.17,1928. no.20.
On Prunus.
Cause and methods of control not yet determined.

Canad. Field Nat. (Ottawa)
Moxley, E.A.
The moss flora of North Grey County and part of the Bruce Peninsula, Ontario. Canad. Field Nat. 42:194-201. N.1928. no.8.

Centralbl. Bakt. Abt.II. (Jena)
Bavendamm, W.
Neue untersuchungen über die lebensbedingungen holzzerstörender pilze. Ein beitrag zur frage der krankheitsempfänglichkeit unserer holzpflanzen I. Gasversuche (cont.) Centralbl. Bakt. Abt. II. 75:503-533. O. 1928. no.25/26.

Citrus Leaves (Redlands, Calif.)
Irrigation and fertilization affect citrus chlorosis. Citrus Leaves 8(11):3-6. illus. N.1928.

Compt. Rend. Acad. Agr. France. (Paris)
Fondard, L. and German, E.
La densité des épis chez les hybrides de premiere génération. Compt. Rend. Acad. Agr. France 14:1011-1015. O.24,1928. no.30.

Rabaté, E.
La compacité et la densité des épis de blé. Compt. Rend. Acad. Agr. France. 14:1007-1011. O.24,1928. no.30.

Compt. Rend. Acad. Sci. Paris.
Chaze, J.
Sur la localisation et la disparition des alcaloides dans l'épiderme de la feuille de tabac. Compt. Rend. Acad. Sci. Paris. 187:837-839. N.5,1928. no.19.

Costantin, J.
Une station fongique nouvellement créée dans la foret de Fontainebleau. Compt. Rend. Acad. Sci. Paris. 187:784-787. N.5,1928. no.19.
Pleurotus eryngii.

Maume, L. and Dulac, J.
Corrélation entre l'antagonisme positif et l'absorption par le végétal. Compt. Rend. Acad. Sci. Paris. 187:769-771. O.29,1928. no.18.

Simonet, M.
Le nombre des chromosomes chez les Iris des jardins (Iris germanica Hort.) Compt. Rend. Acad. Sci. Paris 187:840-841. illus. N.5,1928. no.19.

Compt. Rend. Soc. Biol. Paris.
Simonet, M.
Le nombre des chromosomes dans le genre des Iris. Compt. Rend. Soc. Biol. Paris. 99:1314-1316. illus. N.2,1928. no.30.

Cotton & Cult. Coton. (Paris)
Heim de Balsac, F. & Heim de Balsac, H.
Contribution a l'étude botanique des cotonniers. Atlas iconographique du contonnier. (cont.) Coton & Cult. Coton. 3(2):177-184. pl.16-18. S.1928.

Country Life (London)
Taylor, G.C.
Fruit trees for garden decoration. Country Life 64(Suppl.):lxxx, lxxxii, lxxxiv. illus. N.10,1928. no.1660.

Curiamo Piante (Milan)
Ferraris, T.
Le Peronospora dello spinacio. Curiamo Piante 7:187-189. O.29,1928. no.10.
P. spinaciae.

Ernahr. Pflanz. (Berlin)
Krauss, F.G.
Die chemische zusammensetzung der ananaspflanze in verschiedenen wachstumsstadien. Ernahr. Pflanze 24:398-400. illus. N.1,1928. no.21.

Facts about Sugar (New York)
Foster, J.P.
Artificially induced mutations. Facts about Sugar 23:1072-1075. N.10,1928. no.45.

Farming South Africa.
Doidge, E.M.
Citrus scab or verrucosis. Farming South Africa. 3:1031-1032. illus. O.1928. no.31.

Formosan Agr. Rev.
Kato, S.
On the bamboos as the material plant of fibre II. Formosan Agr. Rev. 22:864-868. O.1928. no.10.
Japanese.

Fortschr. Landw. (Vienna)
Terényi, A.
Laboratoriumsuntersuchungen mit dem "germisan-kurz-beizverfahren". Fortschr. Landw. 3:972-973. N.1,1928. no.21.

Fruit Grow. Fruiterer, Flor. & Mark. Gard. (London)
Hurst, C.C.
Breeding on Mendelian lines. Experiments in horticulture. Fruit-Grow., Fruiterer, Flor. & Mark. Gard. 66:652-653. O.25,1928. no.1715.

Shewell-Cooper, W.E.
Soil sterilisation: an easy method. Fruit-Grow. Fruiterer, Flor. & Mark. Gard. 66:719-720. illus. N.1,1928. no.1716.

Gard. Chron. (London)

Amaryllis blanda and its allied varieties and hybrids. Gard. Chron. III, 84:349. illus. N.3,1928. no.2184.

Darnell, A.W.

The genus Primula (cont.) Gard. Chron. III, 84:328, 353. O.27, N.3,1928. no.2183-2184.

N., D.A.

Garden lilies. Gard. Chron. III, 84:332-333. O.27,1928. no.2183.

Pettigrew, W.W.

The influence of air pollution on vegetation (concl.) Gard. Chron. III, 84:335. O.27,1928. no.2183.

Ward, F.K.

Mr. F. Kingdon Ward's tenth expedition in Asia X. Sadiya, and the Lohit Valley road. Gard. Chron. III, 84:350-351. illus. N.3,1928. no. 2184.

Worsley, A.

Brunsdonna parkeri Alba. Gard. Chron. III, 84: 329. illus. O.27,1928. no.2183.

Illus. on p.331.

Gartenw. (Berlin)

Schwantes, G.

Mesembriaceen-studien II. Gartenw. 32:599-600. O.26,1928. no.43.

Derenbergiella, Rhopalocyclus, Marlothistella, gen. nov.

Hedwigia. (Dresden)

Cholnoky, B. von

Ueber mehrfache schalenbildungen bei Anomoeoneis sculpta. Hedwigia 68:297-310. illus. O.1928. no.5.

Lindemann, E.

Neue peridineen. Hedwigia. 68:291-296. illus. O.1928. no.5.

Migula, W.

Desmidiaceen aus der Rhön. Hedwigia 68:315-320. o.1928. no.5.

Hedwigia. (cont.)

Migula, W.
Desmidiaceen aus der umgegend von Eisenach. Hedwigia. 68:321-326. O.1928. no.5.

Petrak, F.
Ueber Bagnisiopsis und verwandte gattungen. Hedwigia 68:251-290. O.1928. no.5.
Pseudothiella (n.gen.) P. hirtellae, Pseudothiopsella (n.gen.) P. hirtellae.

Skvortzow, B.W.
Ein beitrag zur bacillariaceen-flora der nordöstlichen Mongolei. Hedwigia 68:311-314. illus. O.1928. no.5.

Heil & Gewürz-Pflanzen. (Munich)

Appl. J.
Ergebnisse der arzneipflanzenbauversuche im jahre 1927. Heil u. Gewürz-Pflanzen. 11:142-155. O.1928. no.3.

Braun, K.
Gewürze und aromatika der völker des früheren Deutsch-Ostafrika (concl.) Heil.u. Gewürz-Pflanzen. 11:113-141. O.1928. no.3.

Kabay, J.
Die chemische zusammensetzung der in Ungarn Kultivierten Iris germanica-rhizome. Heil u. Gewürz-Pflanzen. 11:155-161. O.1928. no.3.

Kopp, E.
Der alkaloidgehalt der von Peronospora und mehltau befallenen Hyoscyamusblatter. Heil u. Gewürz-Pflanzen. 11:161-163. O.1928. no.3.
Downy & powdery mildew.

Homes & Gard. (London)

Waterer, F.G.
Garden hedges. A selection of foliage and flowering shrubs that may be used. Homes & Gard. 10(Suppl):lxix-lxxiii. illus. N.1928. no.6

Izv. Glavn. Bot. Sada SSSR. (Bull. Jard. Bot. Prin. U.R.S.S.) (Leningrad)

Czerniakovska, E.
De ophryde apifera Huds. Izv. Glavn. Bot. Sada SSR (Bull. Jard. Bot. Prin. URSS) 27: 215-218. 1928. no.2.
Russian with German summary.

Izv. Glavn. Bot. Sada SSSR. (Bull. Jard. Bot. Prin. U.R.S.S.) (cont.)

Fedchenko, B.A.
... Salvia lanceifolia Poir. in Ukraine.
Izv. Glavn. Bot. Sada. SSSR. (Bull. Jard. Bot. Prin. URSS) 27:93. 1928. no.1.
Russian with English summary.

Hollerbach, M.M.
... Einige nachträge zur anatomie der wasserflechte Collema(?) ramenskii Elenk.) Izv. Glavn. Bot. Sada SSSR (Bull. Jard. Bot. Prin. URSS) 27:299-313. illus. 1928. no.3.
Russian with German summary.

Iljin, M.M.
... New species of Compositae. Izv. Glavn. Bot. Sada SSSR (Bull. Jard. Bot. Prin. URSS) 27:80-92. 1928. no. 1 Russian with Latin diagnosis. New spec. in Iurinea & Serratula.

Iljin, M.M.
... Tugarinovia, eine neulcompositengattung aus der Mongolei. Izv. Glavn. Bot. Sada SSR (Bull. Jard. Bot. Prin. URSS) 27:356-357. illus. 1928.no.3.
Latin diagnosis.
T. mongolica.

Kolmakov, S. G.
... Nouveautés pour la flore du gouvernement Stavropol. Izv. Glavn. Bot. Sada SSSR (Bull. Jard. Bot. Prin. URSS) 27:146-160. 1928. no.2.
Russian with French summary.

Korin, A. Ia
... About diurnal variations of the carbohydrates and their relation to the content of water in the leaves of higher plants. Izv. Glavn. Bot. Sada USSR (Bull. Jard. Bot. Prin. URSS) 27:239-273. 1928. no.3.
Russian with English summary.

Korzhevin, V.S.
... Influence of magnesium salts on the fertility of a clone of Veronica chamaedrys L. Izv. Glavn Bot. Sada SSR(Bull. Jard.Bot. Prin.URSS) 27:340-343. 1928. no.3.
Russian with English summary.

Izv. Glavn. Bot. Sada SSSR. (Bull. Jard. Bot. Prin. U.R.S.S.)(cont.)

Kosinskaja, E.K.
... Ueber eine neue art der gattung Tolypothrix T. saviczii Izv. Glavn. Bot. Sada SSSR(Bull. Jard. Bot. Prin. URSS) 27: 294-298. illus. 1928. no.3.
Russian with Latin diagnosis.

Krasheninnikov, I.V.
... Botanisch-geographische uebersicht der kleinen Kabarda. Izv. Glavn. Bot. Sada SSR(Bull. Jard. Bot. Prin. URSS) 27: 3-24. illus. (map) 1928. no.1.
Russian with brief German summary.

Kuzmenko, A.A.
... Physiologische characteristik der rassen und sorten der kulturpflanzen I. Izv. Glavn. Bot. Sada SSR(Bull.Jard.Bot.Prin.URSS) 27:387-419. illus. 1928. no. no.4.
Russian with German summary.
I. Kardinalstufen der bodenfeuchtigkeit zur entwicklung dreier weizensorten.

Lavrenko, E.M.& Poretsky, A.S.
...Sur la flore des sables du bas Dniéper. Izv. Glavn. Bot. Sada SSR (Bull. Jard. Bot. Prin. URSS) 27: 25-29. 1928. no.1.
Russian with French résumé.

Lipschitz, S.J.
...De cystopteride montana e montibus Uralensibus meridionalibus. Izv. Glavn. Bot. Sada SSSR(Bull. Jard.Bot. Prin.URSS) 27:363. 1928. no.3.
Russian.

Moniushko, V.A.
Veronica czerniakowskiana nova species. Izv. Glavn. Bot. Sada SSSR(Bull. Jard. Bot. Prin. URSS) 27: 95. 1928. no.1.

Murav'eva, O.A.
...Uebersicht der gattung Chamaerhodos Bge. Izv. Glavn. Bot. Sada SSSR(Bull. Jard. Bot. Prin. URSS) 27: 30-52. illus. 1928. no.1.
Russian with German summary and Latin diagnosis of new spec. (C. corymbosa, C. Klementzii)

Ovchinnikov, P.N.
...Neue arten der gattung Androsace aus Turkestan. Izv. Glavn. Bot. Sada SSSR(Bull. Jard. Bot. Prin. URSS) 27: 453-454. 1928. no.4.
Russian with German summary and Latin diagnosis (A. aflatunensis, A. darvasica)

Izv. Glavn. Bot. Sada SSSR. (Bull.Jard.Bot.Prin.URSS) (cont.)

Petrov, V.A.
...De Bistortella, subgenere novo generis Bistorta Adans. Izv. Glavn. Bot.Sada SSSR(Bull. Jard. Bot. Prin. URSS) 27: 220-233. illus. 1928. no.2.
Russian with Latin diagnosis.
Bistorta majanthemifolia, B. Franchetiana, B. pseudosuffulta n.spp.

Petrov, V.A.
...Callitriche florae asiaticae novae vel minus cognitae. Izv. Glavn. Bot. Sada SSSR(Bull. Jard. Bot. Prin. URSS) 27: 358-362. 1928 no.3.
Latin (C. oryzetorum, C. bengalensis, C. wightiana, C. subanceps, C. fallax, C. elegans)

Pobedimova, E.G.
...Monographische bearbeitung der Moehringia trinervia (L.) Clairv. Izv. Glavn. Bot. Sada SSSR(Bull. Jard. Bot. Prin. URSS) 27: 198-214. illus. 1928. no.2.
Russian with German summary.

Poliansky, V.M.
De la position qu'occupent Calothrix pilosa Harv. et C. dura Harv. dans le systéme des cyanophycées, comme nouveaux représentants de la famille Tildeniaceae Kossinsky. Izv. Glavn. Bot. Sada SSSR (Bull. Jard. Bot. Prin. URSS) 27: 314-339. illus. 1928. no.3.
Russian with French summary.
Tildenia pilosa (Harv.) Poliansky; T. dura (Harv.) Poliansky.

Poliansky, V.I.
...Zur morphologie der Calothrix elenkinii Kossinsky. Izv. Glavn. Bot. Sada SSSR(Bull. Jard. Bot. Prin. URSS) 27: 299-305. illus. 1928. no.3.
Russian with German summary.

Radkevick, O.M.
...Weiche und harte gewebe in der struktur von kräuter und halbsträucherheliophyten Mittel-Asiens. Izv-Glavn. Bot. Sada SSSR(Bull. Jard. Bot. Prin. URSS) 27: 420-450. illus. 1928. no.4.
Russian with German summary.

Roshevitz, R.
...Gramina nova. Izv. Glavn. Bot. Sada SSSR (Bull. Jard. Bot. Prin. URSS) 27: 96-99. illus. 1928. no.1.
Russian with Latin diagnosis.
Eragrostis bolgensis, Avena mongolica, Avena tibetica.

Izv. Glavn. Bot. Sada SSSR.(Bull.Jard.Bot.Prin.URSS) (cont.)

Roshevits, R.

...Ueber einen neuen vertreter der gattung Timouria. Izv. Glavn. Bot. Sada SSSR (Bull. Jard. Bot. Prin. URSS) 27: 353-355. 1928. no.3.

Russian with German summary.

Species described by A.S. Hitchcock in Journ. Washington Acad. v.17, no.6, as a Psammochlora belongs to Timouria and should be T. mongolica (Hitch.) Roshev.

Shchepkina, T.V.

...Mikrochemische untersuchungen der lokalisation des harzes und des aetherischen oels in tabakblattern und coniferennadeln. Izv. Glavn. Bot. Sada. SSSR(Bull. Jard. Bot. Prin. URSS) 27:274-293. illus. 1928. no.3.

Russian with German summary.

Shiffers-Rafalovich, E.V.

... The Taman peninsulae and the NE portion of the Kertch peninsula. Izv. Glavn. Bot. Sada SSSR(Bull. Jard. Bot. Prin. URSS) 27: 105-145. illus. (maps) 1928. no.2.

Russian with English summary.

Shipchinsky, N.V.

...Kurze uebersicht der vegetation im östlichen teile des landes von Narym. Izv. Glavn. Bot. Sada SSSR(Bull. Jard. Bot. Prin. URSS) 27: 365-386. 1928. no.4.

Russian with German summary.

Smirnova, E. A.

... Zur frage uber ein einwirkung phytosozialer verhaltnisse auf den gang des kampfes ums dasein zwischen kulturpflanzen und unkraut. Izv. Glavn. Bot. Sada SSSR(Bull. Jard. Bot. Prin. URSS) 27: 161-187. 1928. no.2.

Russian with German summary.

Smirnov, V. I.

...Ueber einige fur das gouvernment Jaroslaw neue und selten vorkommenden pflanzenarten. Izv. Glavn. Bot. Sada SSSR(Bull. Jard. Bot. Prin. URSS) 27: 188-197. 1928. no.2.

Russian with German summary.

Savicz, L.I. & Savicz, V.P.

Bryotheca Rossica III-IV. Izv. Glavn. Bot. Sada SSSR(Bull. Jard. Bot. Prin. URSS) 27: 100-103, 325-238. 1928. no.1,2.

Izv. Glavn. Bot. Sada SSSR (Bull. Jard.Bot. Prin.UrSS) (cont.)

Spiridonov, M.D.

... Materialien zur untersuchung der vegetationslandschaften im Westsibirien. II. Zur entstehung und evolution der vegetationss u. bodenbildungen im tale des flusses Irtysch im N.W. gebiet desTarschen bezirks des gouverments Omsk. Izv. Glavn. Bot. Sada SSSR(Bull. Jard. Bot. Prin. URSS) 27: 53-79. 1928. no.1.

Russian with German summary.

Voronine, M.

...Sur un point septentrional de la distribution geographique de Viscum album au gouvernement Smolensk 52° lat. Izv. Glavn. Bot.Sada SSSR (Bull. Jard. Bot. Prin. URSS) 27: 234. 1928. no.2.

Russian.

Wolf, E.L.

... Die mandschurischen wallnüsse. Izv. Glavn. Bot. Sada SSSR (Bull. Jard. Bot.Prin. URSS) 27: 349-352. 1928. no.3.

Russian with German summary.

Juglans mandschurica, J. stenocarpa, J.cathayensis.

Journ. Agr.Res.

Owen, F.V., Burgess, I.M. & Burnham, C.R.

The influence of environmental factors on pigment patterns in varieties of common beans. Journ.Agr. Res. 37: 435-442. illus. O.1, 1928 (Rec'd N.13) no.7.

Weimer, J. L.

A wilt disease of alfalfa caused by Fusarium oxysporum var. medicaginis, n.var. Journ.Agr. Res. 37: 419-433. illus. O.1, 1928 (Rec'd N.13) no. 7.

Journ.Agr.Sud-Ouest. (Toulouse)

Héron, G.

Continuation des recherches des meilleures variétés de blé convenant pour notre région du Sud-ouest. Journ. Agr.Sud-Ouest. 7: 182-186. S. 1928. no.81.

Journ. Amer. Pharm. Assoc. (Easton, Pa.)

Bacon, F.J.
The botanical origin of American peppermint - Mentha piperita L. Journ. Amer. Pharm. Assoc. 17: 1094-1096. N.1928. no. 11.

Goodrich, F.J. & Lynn, E.V.
Oenanthe sarmentosa. Journ. Amer. Pharm. Assoc. 17: 1096-1104. N.1928. no.11.

Journ. Amer.Soc.Agron, (Geneva, N.Y.)

Finnell, H.H.
Effect of wind on plant growth. Journ. Amer. Soc. Agron. 20: 1206-1210. illus. N.1928. no. 11.

Henry, A.W. & Tu, C.
Natural crossing in flax. Journ. Amer. Soc. Agron. 20: 1183-1192. N.1928. no. 11.

Stevenson, F.J.
Natural crossing in barley. Journ. Amer. Soc. Agron. 20: 1193-1196. N.1928. no. 11.

Journ. Chem. Educ.

Huntress, E.H.
The chemistry of the red and blue pigments of flowers and fruits I- Journ. Chem. Educ. 5: 1392-1398. N.1928. no. 11.

Journ. Dept. Agr. West. Austral. (Perth)

Bateman, D.R.
Wheat variety tests, 1927. Chapman experiment farm. Journ. Dept. Agr. West Australia. II, 5: 339-347. S.1928. no.3.
Notes on bunt resistance.

Carne, W.M.
Crinkle of oranges. Journ. Dept. Agr. West. Australia. II, 5: 292-293. illus. S.1928. no.3.
Splitting and crinkle of early oranges, particularly navels, are consequences of a long dry periods of insufficient moisture in the soil during the autumn and summer.

Carne, W.M. & Gardner, C.A.
Guildford grass (Romulea rosea (Linn.) Eckl.) Journ. Dept. Agr. West. Australia. II, 5: 319-321. illus. S.1928. no.3.

Journ. Dept. Agr. West. Austral. (cont.)

Carne, W.M. & Gardner, C.A.
"Watsonia" (Antholyza aethiopica) Journ. Dept. Agr. West. Australia. II, 5: 356-357. illus. S.1928. no.3.

Limbourne, E.J.
Wheat variety tests, 1927. Merredin experiment farm. Journ. Dept. Agr. West. Australia. II, 5: 348-355. S.1928. no.3.
On flag smut and bunt resistance.

Journ. Dept. Sci. Univ. Calcutta.

Bose, S.R.
Polyporaceae of Bengal, pt.VIII-IX. Journ. Dept. Sci. Univ. Calcutta. 9(3): 27-44. 10 pl. 1928.

Ghosh, J.C.
Photosynthesis in plants. Journ. Dept. Sci. Univ. Calcutta. 9(1): 13-32. 1928.

Journ. Franklin Inst.

Ambruster, H.W.
The problem of arsenical spray residue. Journ. Franklin Inst. 206: 597-602. N.1928. no.5.

Journ. Gen. Physiol. (Baltimore, Md.)

Blinks, L.R.
The injection of sulfates into Valonia. Journ. Gen. Physiol. 12: 207-208. N.1928. no.2.

Jacques, A.G. & Osterhout, W.J.V.
Internal versus external toxicity in Valonia. Journ. Gen. Physiol. 12: 209-219. N.1928. no.2.

Journ. Min. Agr. Gt. Brit. (London)

Oliver, F.W.
The economic possibilities of rice grass (Spartina townsendii) I- Journ. Min. Agr. Gt. Brit. 35: 709-721. plates. N.1928. no.8.
Mud-binder, stock feed.

Wormald, H.
The present distribution of the brown rot fungi: its economic significance. Journ. Min. Agr. Gt. Brit. 35: 741-750. plates. N.1928. no.8.
Sclerotinia fructigena, S.cinerea f.mali, S. cinerea f.pruni, S.americana.

Journ. Pharm. & Chim. (Paris)
Bridel, M., Charaux, C. & Rabaté, J.
Sur l'améliaroside, nouveau glucoside de l'écorce de l'Amelanchier vulgaris, Moench. Journ. Pharm. & Chim. VIII, 8: 345-357. O.16, 1928. no. 8.

Journ. Pharm. Soc. Japan.
Aoyama, S.
Ueber die saponin der Chamellia Japonica L. Journ. Pharm. Soc. Japan. 48: 958-971. O.1928. no.10.
Text in Japanese.

Kimura, Y. & Ohtani, M.
Ueber das ätherische oel von Cyperus rotundus L. Journ. Pharm. Soc. Japan. 48: 971-977. O. 1928. no.10.
Text in Japanese.

Just.Liebigs Ann.Chem. (Berlin)
Fischer, H. & Triebs, A.
Zur kenntnis der chlorophylle I- Justus Liebigs Ann. Chem. 466: 188-242. O.1928. no.2/3.
I. Ueber ätioporphyrine aus blatt- und blutfarbstoff- porphyrinen.

Treibs, A.& Wiedemann, E.
Ueber chlorophyll. Justus Liebigs Ann.Chem. 466: 264-291. O.1928. no.2/3.

Kosmos (Stuttgart)
Gurlitt, W.
Der Botanische garten kaliforniens - eine kulturelle grosstat. Kosmos. 25: 383-387. illus. N.1928. no. 11.

Kranke Pflanze (Dresden)
Esmarch, F.
Die herz- und trockenfäule der rüben. Kranke Pflanze. 5: 161-163. illus. O.1928. no.10.

Landw. Jahrb. Schweiz. (Bern)
Gäumann, E.
Ueber die bekämpfung des wurzelbrandes des zuckerrüben. Landw. Jahrb. Schweiz. 42: 571-582. 1928. no.5.

Mem. Inst. Oswald Cruz.
Magalhães, O.de.
Ensaios de mycologia. Mem. Inst. Oswald Cruz. 21: 173-188. p. 18-23. 1928. no.1.
English transl. p. 181-187.
Microsporium circuluscentrum n.sp.

Minn. Hort. (Minneapolis)
Regeimbal, L.O.
The use of ethylene gas in ripening fruits and vegetables. Minn. Hort. 56: 297-298. N.1928. no.11.

Mitt. Bot. Mus. Univ. Zürich.
Däniker, A.U.
Die grundlagen zur ökologischen untersuchung der pflanzengesellschaften. Mitt. Bot. Mus. Univ. Zürich. no.128. O.1928.
Reprinted from Vierteljahrsschr. Naturf. Ges. Zürich. v.73, p.392-484.

Monatsh. Chem. (Vienna)
Zellner, J.
Beiträge zur vergleichenden pflanzenchemie XXI. Zur chemie milchsaftführender pflanzen. IV. Monatsh. Chem. 50: 211-215. O.1928. no.2/3.

Zellner, J.
Zur chemie der höheren pilze XIX-XX. Monatsh. Chem. 50: 193-200, 201-210. O.1928. no.2/3.
XIX. Ueber Polyporus pinicola Fr. XX. Ueber Omphalia campanella Batsch, Marasmius scorodonius Fr., Boletus cavipes Opat. und Calocera viscosa Pers.
E.Hartmann joint author XIX.
N. Froschl joint author XX.

Nachrichtenbl. Deut. Pflanzenschutzd. (Berlin)
Merkenschlager, F. & Klinkowski, M.
Sind weissährigkeit und dörrfleckenkrankheit des hafers als verschiedene krankheitsformen einer gleichenphysiologischen störungsgruppe aufzufassen? Nachrichtenbl. Deut. Pflanzenschutzd. 8: 104-105. N. 1928. no. 11.

Nat. Belge. (Bruxelles)

Beeli, M.

Nos polypores (cont.) Nat. Belg. 9: 172-174. N.1928. no.11.

Nature(London)

Belling, J.

The contraction of pachyphase chromosomes in Lilium. Nature. 122: 685. N.3, 1928. no.3079.

Singer, C.

Manuscript herbals. Nature. 122: 655-656. O.27, 1928. no.3078.

Reprinted from his "The herbal in antiquity and its transmission to later ages" in Journ.Hellenic Studies. v.47, pt.I,1927.

New Flora & Silva(London)

Bean, W.J.

Fremontia mexicana. New Flora & Silva. 1: 41. O.1928. no.1.

Bean, W.J.

Rhododendron griersonianum. New Flora & Silva 1: 33-34. O.1928. no.1.

Bean, W.J.

Some deciduous azaleas. New Flora & Silva. 1: 22-26. 2 pl. on 1. O.1928. no.1.

Candelabra primulas in the wild garden. New Flora & Silva. 1: 27-32. pl. O.1928. no. 1.

G., T.

Varieties of delphiniums. New Flora. & Silva. 1: 52-56. pl. O.1928. no. 1.

Jekyll, G.

Garden plants of seventy years ago. New Flora & Silva. 1: 4-8. O.1928. no.1.

The newer saxifrage hybrids. A short descriptive list. New Flora & Silva. 1: 67-72. 2 pl. on.1. O.1928. no. 1.

Schneider, C.

An interesting yucca. New Flora & Silva. 1: 34-35. pl. O.1928. no.1.

Yucca karlsruhensis.

New Flora & Silva (cont.)

Schneider, C.
Notes on Berberis. New Flora & Silva. 1: 57-63. 2 pl. on 1. O.1928. no.1.

Three aconites. New Flora & Silva. 1: 35-36. O.1928. no.1.
Aconitum napellus, A.wilsonii, A. autumnale.

Tropaeolums. New Flora & Silva. 1: 36. O. 1928. no. 1.

Wilson, E.H.
Korean plants in gardens. New Flora & Silva. 1: 9-21. 4 pl. on 2. O.1928. no.1.

Orchid Rev. (Richmond, England)

Cooper, E.
Mormodes buccinator. Orchid Rev. 36: 328-329. N.1928. no.425.

Cooper, E.
Stanhopea oculata var. Orchid Rev. 36: 340. N.1928. no.425.

Cooper, E.
Trichopilia modesta (provisionally named.) Orchid Rev. 36: 337. N.1928. no.425.

Perfum. & Essent. Oil Rec.(London)

Bennett, C.T.
Balsam of Peru. Perfum. & Essent. Oil Rec. 19: 423-424. O.1928. no.11.
Toluifera pereira, Myroxylon pereira.

Philipp. Agr. (Los Banos)

Cortez, F.
Gray spot, or blight of coconut. Philipp. Agr. 17: 223-235. pl. i-iii. O.1928. no.5.
Pestalozzia palmarum.

Plant. & Sugar Manuf. (New Orleans)

Earle, F.S.
Sugar cane varieties. Plant. & Sugar Manuf. 81: 361-362, 383-385. N.10,17, 1928.

Prakt. Blätt. Pflanzenb. u. Pflanzensch. (Freising)

Gentner, G.

Ueber die verwendbarkeit von ultravioletten strahlen bei der samenprüfung. Prakt. Blätt. Pflanzenb. u. Pflanzensch. 28: 166-172. O. 1928. no. 7.

Kinzel, W.

Ueber die lebensbedingungen der herbstzeitlose mit besonderer rücksicht auf neue bekämpfungsmassnahmen. Prakt. Blätt. Pflanzenb. u. Pflanzensch. 28: 157-161. O.1928. no. 7.

Korff, G.

Bericht über das auftreten von krankheiten und schädlingen an landwirtszhaftlichen kulturpflanzen im August 1928. Prakt. Blätt. Pflanzenb. u. Pflanzensch. 28: 172-174. O.1928. no. 7.

Proc. Agr. Soc. Trinidad & Tobago (Trinidad)

Stell, F.

Witch broom disease of cacao. Proc. Agr. Soc. Trinidad & Tobago. 28: 375-377. S.1928. no.9.

Marasmius perniciosus.

Progr. Agr. & Vitic. (Montpellier)

Lagatu, H. & Maume, L.

Le diagnostic foliaire, applique au controle de l'alimentation d'une vigne de coteau avec ou sans fumure. Progr. Agr. et Vitic. 90: 420-423. O.28, 1928. no.44.

Roubin, R.

Choix et traitment des semences dans la culture du blé. Progr. Agr. et Vitic. 90: 428-430. O.28, 1928. no.44.

Quart. Journ. Microscop.Sci.

Kater, J.McA.

Reconstruction of daughter nuclei and the individuality of chromosomal vesicles during interkinesis. Quart. Journ. Micros. Sci. n.s., 72: 189-217. pl.4-5. O.1928. no.286.

Rep. Austral. Assoc. Adv.Sci.

Cummins, J.E.

Discussion of timber preservation. Rep. Austral. Assoc. Adv. Sci. 18: 825-831. 1928.

Abstract.

Rep. Austral. Assoc. Adv. Sci. (cont.)

Ewart, A.J.

Some past and future developments of botanical science. Rep. Austral. Assoc. Adv. Sci. 18: 806-818. 1928.

Mode of ascent of water in tall trees; physical nature of protoplasm; precipitation of colloids by electrolyctic salts; relation of these facts to the poisonous action of salts; weed destruction.

Osborn, T.G.B.

The factors influencing the regeneration of vegetation in the arid parts of Australia, with special reference to the pastoral industry. Rep. Austral. Assoc. Adv. Sci. 18: 823-824. 1928.

Abstract.

Rennie, E.H.

The chemical exploitation, past, present and future of Australian plants. Rep. Austral. Assoc. Adv. Sci. 18: 1-35. 1928.

Rodway, L.

Some notes on endemics and vestiges in relation to plant distribution. Rep. Austral. Assoc. Adv. Sci. 18: 818-822. 1928.

Rev. Agr. Com. y Trab. Cuba. (Habana)

Hernandez Torres, O.

Control del "mosaico" o "rayas amarillas" de la caña de azucar. Rev. Agr., Com. y Trab. 10(4): 16. O.1928.

Rev. Bot. Appl. (Paris)

Chevalier, A.

Révision des Acacia du Nord, de l'Ouest et du centre africain (concl.) Rev. Bot. Appl. 8: 707-715. O.1928. no.86.

Fourneau, L.

Note sur une affection cryptogamique du petit mil (Panicum spicatum Roxb.) causée par un hyphomycète. Rev. Bot. Appl. 8: 681-683. O.1928. no.86.

Le parasite observé est très vraisemblablement le Fusarium roseum Link ou une espèce affine. Quelques mycologistes le rattachenet a un hypocréacée: le Gibberella saubinettii.

Rev. Bot. Appl. (cont.O
Perrier de la Bathie, H.
Les prairies de Madagascar (concl.) Rev. Bot. Appl. 8: 696-707. O.1928. no.86.

Rev. Gén. Bot. (Paris)
Augem, A.
Les glucides des Iris, nature, genèse et transformations. (concl.) Rev. Gén. Bot. 40: 591-605. O.1928. no.478.

Guilliermond, A.
Recherches sur quelques ascomycètes inférieurs isolés de la stigmatomycose des graines de cotonnier. Essai sur la phylogénie des ascomycètes (cont.) Rev. Gén. Bot. 40: 606-624. illus. O.1928. no. 478.

Lubimenko, V.N.
L'adaptation photopériodique des plantes. (cont.) Rev. Gén. Bot. 40: 577-590. O.1928. no.478.

Raybaud, L.
Germoir de laboratoire a stérilisation automatique. Rev. Gén. Bot. 40: 625-637. illus. O.1928. no.478.

Rev. Gén. Hort. & Cult. Fruit. (Paris)
Arnaud, G.
Considérations générales sur la lutte contre les maladies cryptogamiques des arbres fruitiers. Rev. Gén. Hort. & Cult. Fruit. 6: 1058-1060. Je., Ag./S., O.1928. no.65.

Evreinow, V.
Pamplemousse ou pomelo (Citrus decumana D.C.) (concl.) Rev. Gén. Hort. & Cult. Fruit. 6: 1056-1058. O.1928. no.65.

Rev. Gén. Sci. (Paris)
Carpentier, A.
Les flores primaires de la Chine. Rev. Gén. Sci. 39: 577-580. O.31, 1928. no.20.

Rhodora. (Boston)

Benke, H.C.
Two new varieties of early spring plants - a Ranunculus from Missouri and a Heterotheca from Texas. Rhodora. 30: 200-201. O.1928. no.358.
Ranunculus harveyi var.pilosus, Heterotheca subaxillaris var.petiolaris.

Eaton, R.J.
The present status of Magnolia virginiana in Massachusetts. Rhodora. 30: 207-208. O. 1928. no.358.

Fassett, N.C.
Notes from the herbarium of the University of Wisconsin III. Rhodora. 30: 205-207. O.1928. no.358.

Fernald, M.L.
An American representative of Calamagrostis epigejos. Rhodora. 30: 202-205. O.1928. no.358.
Calamagrostis arenicola, n.sp.

Griscom, L. & Svenson, H.K.
Carex mitchelliana and other rare plants near Cohasset, Massachusetts. Rhodora. 30: 198-199. O.1928. no.358.

Lewis, I.F. & Taylor, W.R.
Notes from the Woods Hole laboratory - 1928. Rhodora. 30: 193-198. pl.176. O.1928. no.358.

Sarawak,Mus.Journ.

Merrill, E.D.
A collection of plants from Sarawak. Sarawak Mus. Journ. 3: 513-557. Ag.1928. no.11.

Science. (Lancaster, Pa.)

Hockenyos, G.
The nephelometer in mycology. Science 68: 459. N.9,1928. no.1767.

Scient. Amer. (N.Y.)

Skutch, A.
The secret of the bladderwort. Scient. Amer. 139: 498-501. illus. D.1928. no.6.

Sci. Contr. Trop. Plant Res. Foundation.

Ahern, G.P. & Newton, H.K.
Bibliography on Woods of the world. Sci. Contr. Trop. Plant Res. Foundation. 10. 77 p. 1928.

South African Gard. (Johannesburg)

Bolus, L.
Gibbaeum pubescens, Haw. South Afr. Gard. 18: 318-319. illus. (part col.) O.1928. no.10.

Succulenta (Leeuwarden)

Tischer, A
De bilobe vomern van Conophytum. Succulenta 10: 198-200. N.1928. no.11.

verdoorn, F.
Echinocactus gibbosus P.DC. Succulenta. 10: 201-203. illus. N.1928. no. 11.

Sugar Bull. (New Orleans)

Edgerton, C.W.
Disease resistance of P.O.J. 213. cane. Sugar Bull. 7(4): 2, 5. N.15,1928.

Tijdschr. Plantenz. (Amsterdam)

Quanjer, H.M.
De invloed van kaligebrek op de vatbaarheid van bloemkool voor Peronospora parasitica (The influence of potash deficiency on the susceptibility of cauliflower to Peronospora parasitica) Tijdschr. Plantenz. 34: 254-256. pl.xii-xiii. O.1928. no.10.
English summary: p.256.

Torreya.

Harper, R. M.
Notes on the distribution of Dionaea. Torreya. 28: 92-94. S./O. 1928. no.5.

Holzinger, J. M.
Talinum rugospermem. Torreya. 28: 94-95 S./O.1928. no.5.

Torreya (cont.)

Mackenzie, K.K.
Solidago petiolata Miller and some other golden-rods. Torreya. 28: 95-99. S./O. 1928. no.5.

Wherry, E.T.
The distribution of Silene wherryi Small. Torreya. 28: 89-92. S./O. 1928. no..5.

Trab. Mus.Com. Venezuela (Caracas)

Pittier, H.F.
Contribuciones a la dendrologie de Venezuela. I.Arboles y arbustos del ordon de la leguminosas III. Papilionaceas. Trab. Mus. Com. Venezuela. 4: 179-259. 1928.
also in reprint.

Trans. Amer. Micros. Soc. (Urbana, Ill.)

Wilson, C.N.
The cytology and reproduction of the flagellatae Trachelomonas volvocina. Trans. Amer. Micros. Soc. 47: 434-443. illus. O.1928. no.4.

Zeliff, C.C.
Studies of the effects of certain organic and inorganic acids on Sclerotina sclerotiorum. Trans. Amer. Micros. Soc. 47: 468-473. O.1928. no.4.

Trans. & Proc. New Zeal. Inst. (Wellington, N.Z.)

Carse, H.
Botanical notes, new species and varieties. Trans. & Proc. New Zeal. Inst. 59: 315-316. Ag.1928. no.2.
Pteris saxatilis, sp.nov.

McCarthy, E.M.
The structure and development of Astelia nervosa var.sylvestris. Trans. & Proc. New Zeal. Inst. 59: 343-360. illus., pl.52. Ag.1928. no.2.

Oliver, W.R.B.
The flora of the Waipaoa series (Later Pliocene) of new Zealand. Trans. & Proc. New Zeal. Inst. 59:287-303. pl.44-45. Ag.1928. no.2.

Oliver, W.R.B.
The New Zealand species of Metrosideros with a note on Metrosideros collina (Forst) Gray. Trans. & Proc. New Zeal. Inst. 59: 419-423. pl.67. Ag. 1928. no.2.

Trans. & Proc. New Zeal. Inst. (cont.)

Pigott, E.
Cauliflory. Trans. & Proc. New Zeal. Inst. 59: 317-325. illus. pl.46-47. Ag. 1928. no.2.

Simpson, G. & Thomson, J.S.
On the occurrence of the silver southern-beech (Nothofagus menziesii) in the neighbourhood of Dunedin. Trans. & Proc. New Zeal. Inst. 59: 326-342. pl.48-51. Ag.1928. no.2.

Zahlbruckner, A., Keissler, K. & Allan, H.H.
The epiphyllous lichens of Kitchener Park, Feilding, New Zealand. Trans. & Proc. New Zeal. Inst. 59: 304-314. Ag.1928. no.2.

Trans. Brit. Mycol.Soc. (London)

Bartlett, A. W.
Olpidium radicicolum De Wildeman and the "hybridisation nodules" of swedes. Trans. Brit. Mycol. Soc. 13: 221-238. pl.xvi-xvii. O.1928. no.3/4.

Dade, H.A.
Ceratostomella paradoxa, the perfect stage of Thielaviopsis paradoxa (De Seynes) von Höhnel. Trans. Brit.Mycol. Soc. 13: 184-194. pl.x-xii. O. 1928. no.3/4.

Duke, M.M.
The genera Vermicularia Gr.and Colletotrichum CDA. Trans. Brit. Mycol. Soc. 13: 156-184. illus. pl.ix. O.1928. no.3/4.
Colletotrichum lysimachiae, C.wahlenbergiae, n.sp.
Concludes that there is no essential difference between the two genera and proposes to combine them under the name Colletotrichum.

Hahn, G.G.
Phomopsis conorum (Sacc.) Died. - An old fungus of the Douglas fir and other conifers. Trans. Brit. Mycol. Soc. 13: 278-286. pl.xxii-xxiii. O.1928. no.3/4.

Trans. Brit. Mycol. Soc. (cont.)

Nattrass, R.M.
The Physalospora disease of the basket willow. Trans. Brit. Mycol. Soc. 13: 286-304. pl. xxiv-xxvii. O.1928. no.3/4.
P. miyabeana, sp.nov.

Petch, T.
Tropical root disease fungi. Trans. Brit. Mycol. Soc. 13: 238-253. O.1928. no.3/4.
Armillaria mellea (Vahl.) Fr. (A.fuscipes Petch distinct); Ustulina zonata (Lév.) Sacc.(Ustulina deusta name to be adopted); The red root disease fungi of the East (Fomes ferreus, not a Ganoderma & not connected with red root disease; red root of Malaya daused by F.pseudoferreus, that of Java & Sumatra by a Ganoderma; in Ceylon by Poria hypolateritia & P.hypobrunnea); Fomes lignosus (Klotsch) (F.lignosus identical with Polyporus microporus but not the fungus causing rubber root disease of Ceylon & Malaya)

Rea, C.
New or rare British Discomycetae. Trans.Brit. Mycol. Soc. 13: 253-260. O.1928. no.3/4.

Schwartz, E.J. & Cook, W.R.I.
The life-history and cytology of a new species of Olpidium: Olpidium radicale sp.nov. Trans. Brit. Mycol. Soc. 13: 205-221. pl.xiii-xv. O. 1928. no.3/4.
Found in the roots of Veronica beccabunga.

Wilson, M. & Hahn, G.G.
The identity of Phoma pitya Sacc., Phoma abietina Hart. and their relation to Phomopsis pseudotsugae Wilson. Trans. Brit. Mycol.Soc. 13: 261-278. pl.xviii-xxi. O.1928. no.3/4.
Phoma pitya found to be a Sclerophoma, S.magnusiana; Phoma abietina is Phomopsis abietina, P. pseudotsugae distinct from the latter, which does not occur on the Douglas fir nor in Gt.Britain.

Wilson, M. & Waldie, J.S.L.
Notes on new or rare forest fungi. Trans. Brit. Mycol. Soc. 13: 151-156. pl.viii. O.1928. no.3/4.
Fungi occurring on conifers, mostly saprophytes.

Trans. Brit. Mycol. Soc. (cont.)
Wormald, H.
Further studies of the brown-rot fungi. III. Nomenclature of the American brown-rot fungi: a review of literature and critical remarks. Trans. Brit. Mycol. Soc. 13. 194-204. O.1928.
Prefers the name Sclerotinia americana for the fungus commonly causing brown rot in North America.

Tribune Hort. (Bruxelles)
Lathouwers, V.
Feu Elie Marchal et M.Emile Marchal. Tribune Hort. 13: 716-717. port. N.10,1928. no.625.

Trop. Agr. (Ceylon) (Peradeniya)
Brooks, F.T.
Disease resistance in plants. Trop. Agr. Ceylon. 71: 171-179. S.1928. no.3.

Small, W.
Bunchy-top disease of plantains in Ceylon. Trop. Agr. Ceylon. 71:141-147. pl. S.1928. no.3.

Trudy Gosudarstv. Inst. Tabak (Bull. State Inst. Tobacco Invest.)
Smirnov, A.I.
... Peculiar properties of differently aged tobacco leaves. Trudy Gosudarstv. Inst. Tabak. (Bull. State Inst. Tobacco Invest.) no.46. 59 p. fold.pl. 1928.
Russian with English summary.
Includes contributions by M.A. Drboglav & P.S. Erygin.

Die Umschau. (Frankfurt)
Rywosch, S.
Zum kampf ums dasein unter den pflanzen Die Umschau. 32: 900-902. O.27,1928. no.44.

U.S. Dept. Agr. Circ.
Brown, E., Toole, E.H. & Goss, W.L.
A seed counter. U.S. Dept. Agr. Circ.53. 3 p. illus. O.1928.

U.S. Dept. Agr. Farm. Bull.

Brooks, C., Cooley, J.S. & Fisher, D.F.
Apple scald and its control. U.S. Dept. Agr. Farm.Bull. 1380. 17 p. illus. S.1928.
Issued O.1923, rev.S.1928.

Stockberger, W. W.
Ginseng culture. U.S. Dept. Agr. Farm. Bull.1184. 12 p. illus. O.1928.

Univ. Calif. Publ. Bot. (Berkeley)

Belling, J.
The ultimate chromomeres of Lilium and Aloë with regard to the numbers of genes. Univ.Calif. Publ. Bot. 14: 307-318. illus. O.1928. no.11.

Kater, J.McA.
Structure of the nucleolus in the root-tip cells of Nicotiana longiflora. Univ. Calif. Publ. Bot. 14: 319-322. pl.54. N.1928. no.12.

Univ. Iowa Studies Nat. Hist. (Iowa City)

Backe, A.L.
The foliar transpiring power of the pondweed (Potamogeton natans). Univ. Iowa Studies Nat. Hist. 12: 63-68. illus. D.1927(Rec'd N.1928) no.6.

Emmons, C.W.
The Thelephoraceae of Iowa. Univ. Iowa Studies Nat. Hist. 12: 49-89. illus. Ag.1927 (Rec'd N. 1928) no.4.

Lohman, M.L.
The Iowa species of Lycoperdon. Univ. Iowa. Studies Nat. Hist. 12: 5-28. illus. Ag.1927(Rec'd N.1928) no.4.

Longnecker, W.M.
The Geasters of Iowa. Univ. Iowa Studies Nat. Hist. 12: 29-47. illus. Ag.1927 (Rec'd N.1928.) no.4.

Martin, G. W. & Huber, E.E.
Notes on the Tremellales of Iowa, with keys. Univ. Iowa Studies Nat.Hist. 12: 91-104. illus. Ag.1927 (Rec'd N.1928) no.4.

Univ. Iowa Studies Nat.Hist. (cont.)
Prescott, G. W.
The notile algae of Iowa. Univ. Iowa Studies Nat. Hist. 12: 5-40. 10 pl. D.1927 (Rec'd N.1928) no.6.

Vict. Nat. (Melbourne)
Williamson, H.B.
The lilies of Victoria VI. Vict. Nat. 45: 160-163. illus. O.1928. no.6.

Vie Agr.et Rur. (Paris)
Schribaux, E.
Les meilleures variétés de blés a cultiver ou a essayer en 1928-1929. Vie Agr. et Rur. 32: 305-308. illus. N.11, 1928. no.46.

Wiener Landw. Zeit.
Köck, G.
Der kartoffelkrebs im Oesterreich. Wiener Landw. Zeit. 78: 385-386. illus. O.27, 1928. no.43.

Zapiski Semenoved. (Ann.Essa is Semences Leningr.)
Dunin, M.S.
... Ueber einwirkung einiger faktoren auf die deimung der samen vom Hibiscus cannabinus L. Zapiski Semenov. (Ann.Essais Semences Leningr.) 5(5): 20-49. 1928.
Russian with German Summary.

Kamensky, K.V.
... Das stimulieren der samenaufkeimung durch einwirkung von kockendem wasser und "falsche keimung" Zapiski Semenov. (Ann.Essa is Semences Leningr.) 5(5): 1-19. illus. 1928.
Russian with German summary.

Ryzhov, N.I.
Sur la méthode d'analyse de sémences de la betterave (Beta vulgaris) dans les conditions du laboratoire). Zapiski Semenov. (Ann.Essais Semences Leningr.) 5(5): 50-54. 1928.
Russian with French summary.

Zeitschr. Bot.(Jena)
Günther-Massias, M.
Ueber die gültigkeit des reizmengengesetzes bei der summation unterschwelliger reize. Zeitschr. Bot. 21: 129-172. O.1928. no.3.

Zeitschr. Bot.(cont.)

Kern, H.

Die diastatische und peroxydatische wirksamkeit in der pflanze nach deren beeinflussung durch aussenfaktoren. Zeitschr. Bot. 21: 193-252. N.1928. no.4/5.

Zeitschr. Pilzk. (Leipzig)

Arndt, A.

Der schwefel-porling, Polyporus sulphureus an einer fichte. Zeitschr. Pilzk. 12(n.s.7): 157-158. pl.9. O.1928. no.10.

Herrfurth,

Eigenartiger morchelfund. Zeitschr. Pikzk. 12(n.s.7): 154-157. O.1928. no.10.

Lepik, E.

Ueberblick über die erforschung der ostbalitschen pilzflora. Zeitschr. Pilzk. 12(n.s.7): 145-149. O.1928. no.10.

Zeitschr. Zellforsch. & Mikrosk. Anat. (Berlin)

White, P.R.

Studies on the banana. An investigation of the floral morphology and cytology of certain types of the genus Musa L. Zeitschr. Zellforsch.& Mikrosk. Anat. 7: 673-733. illus. O.1928. no.3.

Exper. Stat. Publ.

Smith, E.D. & Laurie, A.

Chrysanthemem breeding. Michigan Agr. Exp. Stat. Spec.Bull. 186: 30 p. illus. N.1928.

Connors, C.H.

Rhododendrons and their kin. New Jersey Agr. Exp. Stat. Circ. 210. 15 p. illus. Jl.1928.

Nightingale, G.T., Schermerhorn, L.G. & Robbins, W.R.

The growth status of the tomato as correlated with organic nitrogen and carbohydrates in roots, stems, and leaves. New Jersey Agr. Exp. Stat. Bull. 461. 38 p. S.1928.

Exper. Stat.Publ. (cont.)

Clayton, E.E.
Seed treatment for black-leg disease of crucifers New York State Agr.Exp.Stat. Techn.Bull. 137. 58 p. 5 pl. My.1928.

Conn, H.J.
A type of bacteria abundant in productive soils, but apparently lacking in certain soils of low productivity. New York State Agr. Exp. Stat. Techn.Bull.138. 26 p. illus. Jl.1928.
Bacterium globiformis, n.sp.

Gloyer, W.O. & Glasgow, H.
Defoliation of cherry trees in relation to winter injury New York State Agr. Exp. Stat. Bull. 555. 27 p. illus. Ag.1928.

Gloyer, W.O.
Two new varieties of red kidney beans, Geneva and York. New York State Agr. Exp. Stat. Techn.Bull. 145. 51 p. illus. Jl.1928.
Disease resistance: p.38-43.

State Publications.

Hyslop, G.R.
Carbon bisulphide as a weed killer. Oregon Agr. Coll. Ext. Serv. Circ. 234. 3 l. Je.1927.

New Books.

Drewitt, F.G.D.
The romance of the Apothecaries' garden at Chelsea. 3d. ed. Cambridge, University press,1928.

Iriarte, D.R.
Contribucíon al estudio de la flageliasis de las plantes en Venezuela, Caracas, Taller grafico, 1928.

Kirchner, O.v.
Lebensgeschichte der blütenpflanzen Mitteleuropas... fortgeführt von W. Wangerin. C.Schröter. lfg. 33. (bd.2, abt.1, bog.-36-38. (Myricaceae) bd.1. abt.4, bog. 1-4. (Orchidaceae) Stuttgart, 1928.

Nipkow, H.F.
Ueber das verhalten der skelette planktischer kieselalgen im geschichteten tiefenschlamm des Zürich- und Baldeggersees. Aarau, 1927.

New Books (cont.)

Pas, C.de.
Hortus floridus. The first book... with a preface by Eleanour Sinclair Rohde... London, The Cresset press, 1928.
Facsimile ed.

Solereder, H. & Meyer, F.J.
Systematische anatomie der monokotyledonen. heft.3. Berlin, Borntraeger, 1928.

Tschopp, C.
Allgemeine und besonderer gedanken zur blütenökologie. Weida i Thür, 1927.

Reprints from Journals not yet rec'd or not available.

Scott, L.I. & Whitworth, A.B.
On a structural peculiarity of the exodermis of the root of Pelargonium. Reprinted from Proc. Leeds Phil. & Lit. Soc. Sci.Sect. 1: 312-317. illus. Jl.1928.
Agr.pamphlet.

Translations available in the Bureau of Plant Industry Library.

Petri, L.
Applicazioni della luce di Wood in fitopatologia (The applications of Wood's light in phytopathology) Boll. R. Staz. Patol. Veg. Rome. n.s., 6: 345-348. O.1926.

Qaanjer, H.M.
Een aaltjesziekte van de aardappelplant... (An eelworm disease of the potato plant, the mode of infection and the source of its cause, Tylenchus dipsaci, Kühn.) Tijdschr. Plantenz. 33: 137-172. 1927.

Wehrhahn, H.R.
Hybriden der gattung Iris (Hybrids of the genus Iris) Gartenfl. 77: 301-306. S.1928.

BOTANY
CURRENT LITERATURE

ADDITIONS TO THE BOTANICAL CATALOGUE, BUREAU OF PLANT INDUSTRY
COMPILED FROM PUBLICATIONS RECEIVED IN THE
LIBRARY OF THE UNITED STATES DEPARTMENT OF AGRICULTURE, WASHINGTON, D. C.

LIBRARY
RECEIVED
★ JAN 2 19
U. S. Department of

Nov. 26-Dec. 8, 1928.

Acta Horti Petrop. (Leningrad)

Komarov, V.
... Les itinéra ires botaniques des principales expeditions russes en Asie Centrale. II. Itinéraires de G.N. Potanine (1876-1899). Acta Horti Petrop. 34: 196-404. map. 1928. no.2
Russian.

Krasheninnikov, I.M., Gorshkova, S.G. & Ivanova, N.A.
... Vegetation of the lower Don Valley. Botanico-geographical sketch. Acta Horti Petrop. 41: 123-341. 3 maps. 1928. no.2
Russian.

Leningrad. Glavnyi botanicheskii sad.
... Flora Rossiae Austro-orientalis. I. Acta Horti Petrop. 40: 1-74. illus. 1927 (Rec'd N.1928)
I. Polypodiaceae - Hydrocharitaceae.

Acta Soc. Bot. Polon. (Warazawa)

Golińska, J.
Germination des semences de Solanum lycopersicum dans le fruit. Acta Soc. Bot. Polon. 5(6): (1)-(5). illus. 1928.

Golińska, J.
Notes sur le rostre des siliques de Brassica oleracea. Acta Soc. Bot. Polon. 5(6): (6)-(12). 1928.

Grzymirska, H.
Z fizjologji bakteryj wodorowych (Zur physiologie der kmallgasbakterien). Acta Soc. Bot. Polon. 5(6): (13)-(45). 1928.
German résumé: p. (43)-(45).
Hydrogenomonas agilis.

Krzemieniewski, H. & Krzemieniewski, S.
Morfologja komorki miksobakteryj (Zur morphologie der myxobakterienzelle). Acta Soc. Bot. Polon. 5(6): (46)-(90). illus., pl.1-3. 1928.
Zusammenfassung: p.(82)-(90).

Ralski, E.
Noew stanowisko brzozy karłowatej w Polsce. (Ein neuer standort von Betula nana L. in Polen). Acta Soc. Bot. Polon. 5: 209-212. 1928.
German résumé: p.212.

Acta Soc. Bot. Polon. (cont.)

Skalińska, M.

Sur les causes d'une disjonction non typique des hybrides du genre Aquilegia. Acta Soc. Bot. Polon. 5: 141-173. illus. 1928. no.2.

Suza, J.

Przyczynek do znajomości flory porostów Polski (Additamenta ad lichenes Poloniae cognoscendos). Acta Soc. Bot. Polon. 5: 213-219. 1928. no.2.

Zabłocki, J.

Tertiäire flora des salzlagers von Wieliczka I- Acta Soc. Bot. Polon. 5: 175-208. pl. vii-xi. 1928. no.2.

Tetraclinis wandae, Pterocarya raciborskii, Juglans szaferi, Carpinus polonica, Aesculus roupperti, n. sp.

Agr. Journ. India. (Calcutta)

Sundararaman, S. & Ramakrishnan, T.S.

A leaf-spot disease of safflower (Carthamus tinctorius) caused by Cercospora carthami, nov.sp. Agr. Journ. India. 23: 383-389. pl. xxvii-xxxi. (part col.) S.1928. no.5.

Amer. Fern Journ.

Clarkson, E. H.

The habitat and distribution of the broad-leaf spinulose ferns. Amer. Fern Journ. 18: 120-124. O./D. 1928. no.4.

Dobbie, H. B.

Lake Rotoiti. Amer. Fern Journ. 18: 115-119. O./D.1928. no.4.

In New Zealand.

Steil, W.N.& Fuller, A.M.

Ferns and fern-allies in Wisconsin. Amer. Fern Journ. 18: 105-114. illus. O./D.1928. no

Amer. For. & For. Life. (Wash., D.C.)

Borah, A.

Trees of the Bible. I. Evergreens of the Old Testament. Amer. For. & For. Life. 34: 715-717, 765. illus. D.1928. no.420.

Tomerlin, L.

Southern cypress. Amer. For. & For.Life. 34: 723-724. illus. D.1928.. no.420.

Amer. Journ. Bot.

Bartholomew, E.T.
Internal decline (endoxerosis) of lemons VI. Gum formation in the lemon fruit and its twig. Amer. Journ. Bot. 15: 548-563. pl.xxxv-xxxvi. N. 1928. no.9.

Sponsler, O.L.
The molecular structure of the cell wall of fibers. A summary of x-ray investigations. Amer. Journ. Bot. 15: 525-536. N.1928. no.9.

Thomas, R. C.
Composition of fungus hyphae I- Amer. Journ. Bot. 15: 537-547. N.1928. no.9.
I. The Fusaria.

Wallace, R.H.
Histogenesis of intumescences in the apple induced by ethylene gas. Amer. Journ. Bot. 15: 509-524. pl.xxxiii-xxxiv. N.1928. No.9.

Amer. Journ. Pharm. (Philadelphia)

Hepburn, J.S.
Biochemical studies of the North American Sarraceniaceae. The use of the genus Sarracenia in medicine: a review. Amer. Journ. Pharm. 100: 675-684. N. 1928. no.11.

Wood, H.C.
Sumac and poison ivy. Amer. Journ. Pharm. 100: 663-674. illus., port. N.1928. no.11.

Arch. Theecult.

Steinmann, A.
Over de Diplodia-wortelziekte van de thee. Arch. Theecult. 1928: 59-73. illus. Je.1928. no.1/2.
English summary (The Diplodia root-disease of tea(Botryodiplodia theobromae): p.67-68.

Steinmann, A.
Voorloopige mededeeling omtrent het optreden van Rhizoctonia bataticola (Taub.)Butler op Java en Sumatra. Arch. Theecult. 1928: 74-86. illus. Je.1928. no.1/2.
English summary (Preliminary note on the occurrence of Rhizoctonia bataticola in Java and Sumatra): p.79-80.

Beih. Repert. Spec. Nov. (Dahlem)

Hayek, A.
Prodromus florae peninsulae Balcanicae. lfg. 5/6. Beih. Repert. Spec. Nov. Fedde. 30: 673-1193. 1926. no.1.
Completes vol.1.

Petrak, F. & Sydow, H.
Die gattung der pyrenomyzeten, sphaeropsideen und melanconieen, t.1, lfg. 3. Die phaeosporen und die gattung Macrophoma. Beih. Repert. Spec. Nov. Fedde. 42: 321-548. 1928. no.3.
Lichenoconium, Pleocyta, Pilidiella, Rhizophoma, Fairmaniella, Vouauxiella, new genera.

Ber. Deut. Bot. Ges. (Berlin)

Blochwitz, A.
Farbenänderung, verschiedenfarbigkeit und farbenvariation bei schimmelpilzen. Ber. Deut. Bot. Ges. 46: 516-524. O.1928. no.7.

Borissow, G.
Weiteres über die Rasdorskyschen körperchen. Ber. Deut. Bot. Ges. 46: 463-480. illus. pl.xv-xviii. O.1928. no.7.
"Kieselcystolithen" in cells of endodermis of Andropogoneae.

Dahlgren, K.V.O.
Hakenförmige leistenbildungen bei synergiden. Ber. Deut. Bot. Ges. 46: 434-443. pl.xiii. O.1928. no.7.

Frey, A.
Ueber die intermicellar-räume der zellmembranen. Ber. Deut. Bot. Ges. 46: 444-456. O.1928. no.7.

Gothan, W.
Bemerkungen zu Gomphostrobus und Crossotheca. Ber. Deut. Bot. Ges. 46: 509-515. O.1928. no.7

Lopriore, G.
Die katalase-reaktion und die biologie des pollens. Ber. Deut. Bot. Ges. 46: 413-423. O. 1928. no.7.

Ber. Deut. Bot. Ges. (cont.)

Rimbach, A.
Endodermiswellung und Casparyscher punkt.
Ber. Deut. Bot. Ges. 46: 424-433. O.1928.
no.7.

Schussnig, B.
Zur entwicklungsgeschichte der siphoneen.
Ber. Deut. Bot. Ges. 46: 481-490. illus. O.
1928. no.7.
Cladophora, Codium.

Stephan, J.
Zur keimung von Phacelia tanacetifolia Benth.
Ber Deut. Bot. Ges. 46: 499-508. O.1928. no.7.

Troll, W.
Zwei merkwürdige fälle von saftmalbildung.
Ber. Deut. Bot. Ges. 46: 491-498. illus. O.
1928. no.7.

Ubisch, G.von.
Zur entwicklungsgeschichte von Taonia atomaria
Ag. Ber. Deut. Bot. Ges. 46: 457-463. illus.
O.1928. no.7.

Biochem. Journ. (London)

Onslow, M.W. & Robinson, M.E.
Oxidising enzymes X. The relationship of oxygenase
to tyrosinase. Biochem. Journ. 22: 1327-1331.
1928. no.5.

Biochem. Zeitschr. (Berlin)

Iwanoff, N.N. & Smirnowa, M.I.
Die bedeutung des sauerstoffs für die bildung des
harnstoffs in pilzen. Biochem. Zeitschr. 201:
1-12. O.1928. no.1/3.

Zaleski, W. & Schatalowa-Zaleskaja, E.
Beiträge zur frage des hexosenabbaus in de
pflanze. III. Zur frage über die cozymase der
pflanze. Biochem. Zeitschr. 201: 190-198.
O.1928. no.1/3.

Bol. Min. Agr. e Comm. Brazil. (Rio de Janeiro)

Vizioli, J. & Meyer, A.C.
O combate ao cupim e o tratemento das mudas de
canna com o "uspulun." Bol. Min. Agr., Industr.
e Comm. Brazil. 17: 601-610. illus. My.1928.
no.5.

Bol. R. Soc. Españ. Hist. Nat. (Madrid)

Fernández Rilfrío, B.

Acerca de dos uredales heteroicos. Bol. R. Soc. Españ. Hist. Nat. 28: 405-410. O.1928. no. 7.

Puccinia obscura, Coleosporium inulae.

González Fragoso, R. & Ciferri, R.

Hongos parásitos y saprofitos de la República Dominicana 16ª ser. Bol. R. Soc. Españ. Hist. Nat. 28: 377-388. O.1928. no.7.

González Guerrero, P.

El género Anabaenopsis (Wolosz.) V. Miller en España. Bol. R. Soc. Españ. Hist. Nat. 28: 357-359. illus. Je.1928. no.6.

Anabaenopsis hispanica, sp.nov.

Homedes, J.

Datos para una interpretación endocrina de las células de tapiz de los sacos polinicos. Bol. R. Soc. Españ. Hist. Nat. 28: 315-320. illus. Je. 1928. no.6.

Diplotaxis erucoides, Sisymbrium irio, Sinapis incana, Drama (sic)verna, Lepidium graminifolium, Brassica oleracea.

Vidal y López, M.

Materiales para la flora marroqui VI. Plantas de la cabila de Anyhera. Bol. R. Soc. Españ. Hist. Nat. 28: 411-412. O.1928. no.7.

Boll. R. Staz. Patol. Veg. Roma. (Firenze)

Mencacci, M.

Sopra alcuni tentativi di lotta contro il "mal del piede" del frumento. Boll. R. Staz. Patol. Veg. Roma. n.s., 8: 312-332. Jl./S.1928. no.3

Petri, L.

Ricerche sul "mal del falchetto" del gelso. Boll. R. Staz. Patol. Veg. Roma. n.s., 8: 231-234. Jl./S.1928. no.3.

Not due to Armillaria mellea but to an oomycete probably a Phytophthora.

Boll. R. Staz. Patol. Veg. Roma. (cont.)

Pulselli, A.
La Sphaerostilbe coccophila Tul. come parassita dell'Aonidia lauri Bouché e di altri insetti. Bol. R. Staz. Patol. Veg. Roma. n.s., 8: 262-283. illus., col. pl. Jl./S.1928. no.3.

Rivera, G. & Rivera, V.
Sopra un ingiallimento patologico di foglie di frumento nel 1928 a Perugia. Boll. R. Staz. Patol. Veg. Roma. n.s., 8: 300-312. illus. Jl./S. 1928. no.3.

Rivera, V.
Osservazioni sopra la recettività de alcune varieta' di frumento per di Septoria graminum. Desm. Boll. R. Staz. Patol. Veg. Roma. n.s., 8: 248-257. Jl./S.1928. no.3.

Rivera Campanile, G.
Ulteriori ricerche sperimentali per la lotta contro la cuscuta. Boll. R. Staz. Patol. Veg. Roma. n.s., 8: 258-261. Jl./S.1928. no.3.

Sansone, F.
Una speciale deformazione dei frutti di mandorlo dovuta ad attacco dell'Exoascus deformans (Berk.), Fuck. Boll. R. Staz. Patol. Veg. Roma. n.s., 8: 291-299. illus. Jl./S.1928. no.3.

Sibilia, C.
Ricerche sulle ruggini dei cereali. Boll. R. Staz. Patol. Veg. Roma. n.s., 8: 235-247. illus. Jl./S.1928. no.3.

Bot. Gaz. (Chicago)

Doubt, D.G.
Cytology of Halidrys dioica. Bot. Gaz. 86: 330-344. illus. N.1928. no.3.

Haas, A.R.C. & Thomas, E.E.
Effect of sulphate on lemon leaves. Bot. Gaz. 86: 345-354. illus. N.1928. no.3.

Hicks, G.C.
Chromosome studies in the Cyperaceae, with special reference to Scirpus. Bot. Gaz. 86: 295-317. pl. x-xi. N.1928. no.3.

Bot. Gaz. (cont.)

Ireland, J.C.
Controlling influences in corn rot problems. Bot. Gaz. 86: 249-269. illus. N.1928. no.3.

Jackson, C.V.
Seed germination in certain New Mexico range grasses. Bot. Gaz. 86:270-294. illus. N. 1928. no.3.

Jean, F. C.
Root inheritance in peas. Bot. Gaz. 86: 318-329. Illus. N.1928. no.3.

Thomas, E.E. & Haas, A.R.C.
Injection method as a means of improving chlorotic orange trees. Bot. Gaz. 86: 355-362. illus. N.1928. no.3.

Botaniste. (Paris)

Brandza, M.
Observations sur quelques sclérotes de myxomycètes calcarées. Botaniste. 20: 117-146. illus. O.1928. no.4/5.

Eftimiu, Mlle.P. & Kharbush, S.S.
Le développement des périthèces et le phénomène de la réduction chromatique chez les erysiphacées, Botaniste. 20: 157-190. 9 pl. O. 1928. no.4/5.

Kühner, R.
Le développement et la position taxonomique de l'Agaricus disseminatus Pers. Botaniste. 20: 147-156. illus. O.1928. no.4/5.

Bryologist. (Pittsburg)

Bartram, E.B.
Studies in Funaria from southwestern United States. Bryologist. 31: 89-96. illus. S 1928. no.5.
Funaria orcutti, F.tucsoni, F.rubriseta, F.plano-convexa, sp.nov.

Bartram, E.B.
Texas mosses collected by Mrs.E.A.Harris. Bryologist. 31:104-105. S.1928. no.5.

Bryologist. (cont.)

Blagg, B.
In Grannis Hollow. Bryologist. 31: 98-100. S.1928. no.5.
About five miles from Fayette, Iowa.

Dupret, H.
Amblystegium riparium, var. abbreviatum. Bryologist. 31: 96-98. illus. S.1928. no.5.

Raup, L.C.
A list of the lichens of the Athabasca Lake region of northwestern Canada. (concl.) Bryologist. 31: 100-104. S.1928. no.5.

Bull. Agence Gén. Colon. France. (Paris)

Heim de Balsac, F., Deforge, A., Maheu, J. & Heim de Balsac, H.
Contribution a l'étude des écorces tannifères de Madagascar (cont.) VI. Écorce de "Lalona." Aperçu sur la valeur tannante des écorces de Weinmannia. Bull. Agence Tén. Colon. France. 21: 935-945. pl. S.1928. no.236.

Heim de Balsac, F., Heim de Balsac, H., Lefèvre, L. & Parveaud, A.
Fruits d'Hyphaene (palmiers). Composition - utilisation possible I-II. Bull Agence Gén. Colon. France. 21: 745-750. plates. Je.1928. no.234.
I. "Doum" de l'Afrique occidantale (Hyphaene thebaïca Mart.) II. "Satramira" de Madagascar (Hyphaene shatan Boj.)

Heim de Balsac, F.
Suifs d'Irvingia, leurs plantes productrices. Bull. Agence Gén.Colon. France. 21: 855-866, 922-934. Jl./Ag.-S.1928. no.235-236.
1. Beurre d'o'dika" Irvingia gabonensis.
G.S. Dagand, J.Maheu & H Heim de Balsac joint authors.
L.Lefèvre, & A.Parveaud joint authors.

Heim de Balsac, F., Deforge, A. & Heim de Balsac, H.
Valeur, comme matière tannantes, des gousses de "neb-neb" du Sénégal. Bull. Agence. Gén. Colon. France. 21: 595-603. My.1928. no.233.
Acacia arabica var. adansoniana.

Bull. Agence Gén. Colon. France. (cont.)

Heim de Balsac, F., Deforge, A. & Heim de Balsac, H.
Valeur papetière de bois d'Indochine, fiches technologiques préliminaires (cont.) Bull. Agence Gén. Colon. France. 21: 585-595, 723-744, 842-855. My., Je., Jl./Ag.1928. no.233-235.

Bull. Mus. Hist. Nat. Paris.

Camus, A.
Sur la rachéole et le pédicelle des épillets dans le genre Hordeum. Bull. Mus. Hist. Nat. Paris. 34: 113-114. 1928. no.1.

Camus, A.
Sur quelques graminées de Nouvelle-Calédonie. Bull. Mus. Hist. Nat. Paris. 34: 181-182. 1928. No. 2.
Oplismenus hirtellus, Setaria austro-calédonica, Cymbopogon refractus.

Lecomte, H.
C.J. Pitard. Correspondant du Muséum. Bull. Mus. Hist. Nat. Paris. 34: 125-128. 1928. no.2.

Pellegrin, F.
Plantae Lestestuanae novae ou Plantes nouvelles récoltées par M. Le Testu de 1907 à 1919 dans le Mayombe congolais (cont.) Bull. Mus. Hist. Nat. Paris. 34: 228-230. 1928. no.3.

Petie, G.
Trois lettres inédites de Bory de Saint-Vincent à Joseph Hubert. Bull. Mus. Hist. Nat. Paris. 34: 129-134. 1928. no.2.

Thériot, I.
Musci novi Africani (cont.). Bull. Mus. Hist. Nat. Paris. 34: 115-118. illus. 1928. no.1.

Bull. Soc. Bot. France. (Paris)

Alleizette, C.d'.
Note sur un Hedysarum nouveau: Hedysarum boutignyanum Nob. Bull. Soc. Bot. France. 75: 38-42. illus. Ap.1928. no.1/2.

Bull. Soc. Bot. France. (cont.)

Beauverie, J.
Sur les mitochondries dites "inactives," ou "aplastogènes" ou "cytosomes." Bull. Soc. Bot. France. 75: 83-86. Ap.1928. no.1/2.

Benoist, R.
Une nouvelle espèce de Brunfelsia (Solanacées), plante magique des Indiens du Haut-Amazone. Bull. Soc. Bot. France. 75: 294-296. Je.1928. no.3/4.
Brunfelsia tastevini, nov.sp.
Vernacular names: keya-honé.

Buchet, S.
Quelques myxomycètes pyrénéens. Bull. Soc. Bot. France. 75: 76-78. Ap.1928. no.1/2.

Bugnon, P.
Les bases anatomiques de la théorie de la concrescence congénitale. Bull. Soc. Bot. France. 75: 25-33. Ap.1928. no.1/2.

Camus, A.
Poecilostachys nouveaux de Madagascar. Bull. Soc. Bot. France. 75: 33-38. Ap.1928. no.1/2.
Poecilostachys manongarivensis, P.perrieri, P.taaratananensis, P.viguieri, P.stapfii, P. humbertii, nov.sp.

Camus, A.
Quelques graminées nouvelles pour la flore de l'Indo-Chine. Bull. Soc. Bot. France. 75: 552-555. S.1928. no.5/6.
Isachne petelotii, nov.sp.

Carpentier, A.
René Zeiller (1847-1915) Son oeuvre paléobotanique. Bull. Soc. Bot. France. 75: 46-67. port. Ap.1928. no.1/2.
Liste des travaux paléobotaniques: p.58-67.

Chemin, E.
Quelques précisions sur l'état de l'iode chez Falkenbergia doubletii Sauv. Bull. Soc. Bot. France. 75: 540-542. S.1928. no.5/6.

Bull. Soc. Bot. France. (cont.)

Chemin, E.
Sur le développement des spores d'une rhodomélacée: Brongniartella byssoides Schm. Bull. Soc. Bot. France. 75: 104-112. illus. Ap.1928. no.1/2.

Chermezon, H.
Le genre Heleocharis à Madagascar. Bull. Soc. Bot. France. 75: 283-288. Je.1928. no.3/4.
Heleocharis madagascariensis, n.sp.

Choisy, M.
A propos d'une nouvelle espèce de lichen, Toninia (s.-g. Thalloedema) alluviicola Choisy. Bull. Soc. Bot. France. 75: 80-82. Ap.1928. no.1/2.

Dangeard, P.
Notes au sujet de l'émission d'iode libre par les algues. Bull. Soc. Bot. France. 75: 509-519. S.1928. no.5/6.

Daveau, J.
Dioscorea verticillata Lamarck et Rubia cordifolia.L. Bull. Soc. Bot. France. 75: 254-256. Je.1928. no.3/4.
Dioscorea verticillata Lamarck is Rubia cordifolia L.

Decrock, E. & Raphélis, A.
Notes sur la flore algologique de la Haute-Provence (cont.) Bull. Soc. Bot. France. 75: 543-549. My./Je.1928. no.5/6.

Devaux, H.
La structure moléculaire de la cellule végétale. Bull. Soc. Bot. France. 75: 88-97. Ap.1928. no.1/2.

Douin, R.
Contribution à l'étude du genre Philonotis: Philonotis fontana Brid.var. diversifolia. Bull. Soc. Bot. France. 75: 550-552. illus. S.1928. no.5/6.

Gagnepain, F.
Encore quelques urticacées nouvelles. Bull. Soc. Bot.France. 75: 556-557. S.1928. no.5/6.
Debregeasia atrata, Fleurya disepala, Pocris langbianensis, n.sp.

Bull. Soc. Bot. France. (cont.)

Gagnepain, F.
Laportea et Pilea nouveaux d'Indochine.
Bull. Soc. Bot. France. 75: 2-8. Ap.1928.
no.1/2.

Gagnepain, F.
Trois genres nouveaux d'urticacées indochinoises.
Bull. Soc. Bot. France. 75: 98-102. Ap.1928.
no.1/2.
Diplothorax, g.n., D.tonkinensis, n.sp.; Meniscogyne, g.n., M.thorelii, M.petelotii, n.sp. Petelotia, n.g., P.tonkinensis, n.sp.

Gardet, G.
Quelques mousses et hépatiques récoltées par M.P. Remy pendant la campagne arctique du "Pourquoi-Pas?" en Juillet-Août 1926. Bull.Soc. Bot. France. 75: 257-264. illus. Je.1928. no.3/4.

Guillaumin, A.
Matériaux pour la flore de la Nouvelle-Calédonie XXV. Révision des loganiacées. Bull. Soc. Bot. France. 75: 288-294. Je.1928. no.3/4.

Heim, R.
A propos d'une note de M.Martin-Sans. Bull. Soc. Bot. France. 75: 73-75. Ap.1928. no.1/2.

Issler, E. & Walter, E.
Une plante longtemps méconnue; Oenanthe fluviatilis (Babington) Coleman. Bull. Soc. Bot. France. 75: 68-73. Ap.1928. no.1/2.

Leandri, J.
Le liber interne chez les Daphne. Bull. Soc. Bot. France. 75: 497-504. S. 1928. no.5/6.

Leandri, J.
Structure particulière du rhizome d'un Daphne. Bull. Soc. Bot. France. 75: 243-248. illus. Je.1928. no.3/4.

Lemesle, R.
Contribution à l'étude structural de quelques labiées extra-européennes. Bull. Soc. Bot. France. 75: 18-25. pl.i-ii. Ap.1928. no.1/2.

Bull. Soc. Bot. France. (cont.)

Lemesle, R.
Nouvelles observations sur les Hydrocotyle d'Afrique australe. Bull. Soc. Bot. France. 75: 270-279. illus. Je.1928. no.3/4.

Lemesle, R.
Sur l'existence de faisceaux libérologneux surnaméraires chez certaines protéacées. Bull. Soc. Bot. France. 75: 504-509. illus. S.1928. no.5/6.

Lemoine, Mme. P.
Un nouveau genre de mélobésiées: Mesophyllum. Bull. Soc. Bot. France. 75: 251-254. Je.1928. no.3/4.

Lutz, L.
Sur le rôle biologique du tanin dans la cellule végétale. Bull. Soc. Bot. France. 75: 9-18. Ap.1928. no.1/2.

Mangenot, G.
Sur la localisation des iodures dans les cellules des algues. Bull. Soc. Bot. France. 75: 519-540. illus. S.1928. no.5/6.

Maurin, E.
Variations de la richesse alcaloïdique du grenadier sous l'influence de certains agents chimiques. Bull. Soc. Bot. France. 75: 280-282. Je. 1928. no.3/4.

Mugnier, L.
Contribution à la flore rhodologique de la Cote-d'Or. Bull. Soc. Bot. France. 75: 248-250. Je. 1928. no.3/4.

Pavillard, J.
A propos du chondriome. Bull. Soc. Bot. France. 75: 42-45. Ap.1928. no.1/2.

Pellegrin, F.
L'origine botanique de l'acajou Bossé africain. Bull. Soc. Bot. France. 75: 478-481. illus. S.1928. no.5/6.
Described by Chevalier as Trichilia cedrata, now found to be a Guarea, G.cedrata nov.comb.

Bull. Soc. Bot. France. (cont.)

Perrot, E.

Une plante nouvelle pour le Sahara soudanais. Bull. Soc. Bot. France. 75: 102-103. Ap.1928. no.1/2.

Cassia acutifolia.

Sennen, F.

Indice de distribution ou aire de dispersion de quelques plantes de la flore de la Cerdagne. Bull. Soc. Bot. France. 75: 472-476. S.1928. no.5/6.

Stephenson, T.

Les dactylorchidées en France et en Grande-Bretagne. Bull. Soc. Bot. France. 75: 481-495. illus., pl.iv-v. S.1928. no.5/6.

Vuillemin, P.

Facteurs communs des rapports sexuels et du parasitisme. Bull. Soc. Bot. France. 75: 264-268. Je.1928. no.3/4.

See also entries at end of List.

Bull Soc. Chim. France. (Paris)

Bertrand, G. & Rosenblatt, M.

Sur les proportions de potassium et de sodium contenues dans les algues marines. Bull. Soc. Chim. France. 43: 1133-1137. O.1928. no.10.

Karrer, P.

Sur les matières colorantes des fleurs. Bull. Soc. Chim. France. IV, 43: 1041-1058. O.1928. no.10.

Bull. Soc. Dendrol. France. (Paris)

Hickel, R.

André Michaux. Bull. Soc. Dendrol. France. 67: 57-79. Ag. 1928.

Bull. Soc. Sci. Nat. l'Ouest. France.

Carpentier, A.

Empreintes végétales des schistes dévoniens de la carrière Sainte-Anne (Chalonnes) et de la carrière de Châteaupanne (Montjean). Bull. Soc. Sci. Nat. l'Ouest. France. 37: 125-126. Mr.1928. no.3/4.

Bull. Soc. Sci. Nat. l'Ouest. France. (cont.)

Gazal, F.

Liste des algues marines récoltées de 1912 a 1927 dans le finistère et la Loire-inférieure. Bull. Soc. Sci. Nat. l'Ouest France. 37: 61-71. Mr. 1928. no.3/4.

Calif. Citrog. (Los Angeles)

Newell, W.

The citrus canker menace. Calif. Citrogr. 14: 48, 68-70. illus. D.1928. no.2.

Centralbl. Bakt. Abt.II. (Jena)

Conn, H.J.

Certain abundant non-spore-forming bacteria in soil. Centralbl. Bakt. Abt.II. 76: 65-68. pl. N.1928. no.1/7.

Bacterium globiformis predominant.

Drewes, K.

Ueber die assimilation des luftstockstoffs durch blaualgen. Centralbl. Bakt. Abt.II. 76: 88-101. 3 pl. N.1928. no.1/7.

Szelényi, G.von & Becze, G.von.

Beiträge zur kenntnis der enzymwirkung von Alternaria solani. Centralbl. Bakt. Abt.II. 76: 121-124. N.1928. no.1/7.

Citrus Indust. (Tampa, Fla.)

Kime, C.D.

Is soil acidity testing of any importance in growing fruit? Citrus Industr. 9(11): 8-9, 29. N.1928.

Compt. Rend. Acad. Agr. France. (Paris)

Mercier des Rochettes,

L'ail dans les blés, Compt. Rend. Acad. Agr. France. 14: 1072-1078. N.1928. no.33.

Rabaté, E.

La destruction des mauvaises herbes dans les emblavures. Compt. Rend. Acad. Agr. France. 14: 636-641. My.16, 1928. no.18.

Compt. Rend. Acad. Sci. Paris.

Bach, D.

Les conditions d'action de l'asparaginase. Compt. Rend. Acad. Sci. Paris. 187: 955-956. N.19, 1928. no.21.

Compt. Rend. Acad. Sci. Paris. (cont.)

Costantin, J.

Apparition de l'oreille de chardon sur le panicaut maritime (Eryngium maritimum) au laboratoire. Compt. Rend. Acad. Sci. Paris. 187: 860-862. N.12, 1928. no.20.

Dangeard, P.

Sur l'iodovolatilisation et ses caractères chez. les algues septentrionales. Compt. Rend. Acad. Sci. Paris. 187: 899-901. N.12, 1928. no.20.

Daniel, L.

Influence de la greffe sur les corrélations reproductrices. Compt. Rend. Acad. Sci. Paris. 187: 905-907. illus. N.12, 1928. no.20.

Hasenfratz, V.

Sur un principe immédiat extrait du Sphacele parviflora Linné. Compt. Rend. Acad. Sci. Paris. 187: 903-904. N.12, 1928. no.20.

Lédol (C^{15} H^{26} O)

Lesage, P.

Croissance comparée de plantes cultivées à Rennes, à Rothamsted et issues de graines mûries à des latitudes tres différentes. Compt. Rend. Acad. Sci. Paris. 187: 901-903. N.12, 1928. no.20.

Lepidum sativum.

Compt. Rend. Soc. Biol. Paris.

Soriano, S.

Cultures de champignons parasites de plantes. Compt. Rend. Soc. Biol. Paris. 99: 1430. N.9, 1928. no.31.

Ernähr. Pflanze. (Berlin)

Hieke, F.

Einfluss der düngung auf die fusskrankheiten des getreides. Ernähr. Pflanze. 24: 411-412. N.15, 1928. no.22.

España Forestal (Madrid)

Podhorsky, J.

El pino de Corcega (P.laricio, var. poiretiana Ant.)(concl.) España Forestal. 13: 149-151. O.1928. no.150.

Estate Mag.

Le Sueur, A.D.C.
Tree wounds. Estate Mag. 28: 823-826. N. 1928. no.11.

Facts about Sugar (N.Y.)

Carsner, E.
The wild beet in California. Facts about Sugar. 23: 1120-1121. illus. N.24,1928. no.47.

Flow. Grow (Calcium, N.Y.)

Shull, J.M.
The best of the better-known tall bearded iris. Flower Grow. 15: 542. D.1928. no.12.

Flygbl. Centralanst. Jordbruksförs. Sweden.

Lindfors, T.
Potatiskräfta i Sverige. Flygbl. Centralanst. Jordbruksförs. Sweden. 133. 4 p. illus. S. 1928.

Gard. Chron. (London)

Darnell, A. W.
The genus Primula (cont.) Gard. Chron. III, 84: 373-374, 412. N.10,24, 1928. no.2185-2187.

Friend, H.
Plant history in nomenclature. Gard. Chron. III, 84: 370,390. N.10,17,1928. no.2185,2186.
1. The rival queens: the rose.

Hay, T.
Scutellaria prostrata (Jacquem) Gard. Chron. III, 84: 369. N.10,1928. no.2185.

Pethybridge, G.H.
A new disease of the dahlia. Gard. Chron. III, 84: 393-394. illus. N.17, 1928. no.2186.
Entyloma dahliae.

Redgrove, H.S.
The flora of the Brecks. Gard. Chron. III, 84: 409. illus. N.24, 1928. no.2187.
In north-western Suffolk country, extending north into Norfolk.

Gard. Chron. (cont.)

W., M.
Evergreen barberries. Gard. Chron. III, 84: 367-368. N.10, 1928. no.2185.

Wormald, H.
On the cause of "die-back" in plum trees. Gard. Chron. III, 84: 372-373. illus. N.10, 1928. no.2185.

Worsdell, W.C.
The use of teratology in horticulture. Gard. Chron. III, 84: 370-371, 394. N.10, 17, 1928. no. 2185-86.

Gartenfl. (Berlin)

Liebsch, G.
Merkwürdige und schöne blattorgane XI. Sägeförmig gestaltete blätter. Gartenfl. 77: 366. illus. N.1928.

Muller, W.
Hemerocallis fulva maculata Baroni. Gartenfl. 77: 369. illus. N. 1928.

Gartenw. (Berlin)

Böhmig, F.
Richtige anwendung des uspulun. Gartenw. 32: 607-608. N.2, 1928. no.44.

Pape, H.
Der gefährliche chrysanthemumrost und seine bekämpfung. Gartenw. 32: 623-624. illus. N.9, 1928. no.45.

Schwantes, G.
Mesembriaceen-studien. III. Gartenw. 32: 644. N.16, 1928. no.46.
Braunsia, Callistigma, Bijlia, gen.nov.

Gartn.-Tid. (København)

Herring, P.
Om farver og farvemaaling hos roser. Gartn.-Tid. 44: 667-672 illus. N.20, 1928. no.47.

Hawaiian Plant. Rec. (Honolulu)

Carpenter, C. W.
Notes on Pythium root rot IV. Hawaiian Plant Rec. 32: 461-474. illus. O.1928. no.4.

Carpenter, C.W.
Temperatures favorable to zoospore development in Pythium aphanidermatum. Hawaiian Plant. Rec. 32: 394. O. 1928. no.4.

Martin, J.P.
The control of eye spot disease by two-year cropping. Hawaiian Plant. Rec. 32: 391-394. O.1928. no.4.

Martin, J.P.
Fungicidal dust tests against eye spot during the 1927-1928 eye spot season. Hawaiian Plant. Rec. 32: 481-485. O.1928. no.4.

Martin, J.P.
Tests of varying amounts of nitrogen and potash in relation to eye spot during the 1927-1928 eye spot season. Hawaiian Plant Rec. 32: 475-481 O. 1928. no.4.

Verret, J.A. & Mangelsdorf, A.J.
Seedling selection studies I. Interrelationships between brix, purity and quality ratio (sugar cane) Hawaiian Plant. Rec. 32: 435-440. O.1928. no.4.

Hort. Illus. (Boston)

Farrington, E.I.
Shrubs with ornamental fruits. Hort. Illus. 6: 529-530. illus. N.15, 1928. no.22.

House & Gard. (Greenwich, Conn.)

Wilson, E.V.
The loveliness of autumn's asters. House & Gard. 54(6): 95, 146, 166. illus. D. 1928.

Intern. Sugar.Journ. (London)

Barber, C.A.
The Havana 1927 conference and cane diseases. Intern. Sugar Journ. 30: 575-582. N.1928. no.359.

Jahrb. Wiss. Bot. (Leipzig)

Ghosh, J. C.
Kinetik der photosynthese bei pflanzen, Eine theoretische deutung der experimentellen ergebnisse harders über die kohlensäureassimilation bei Fontinalis. Jahrb. Wiss. Bot. 69: 572-586. O. 1928. no.4.

Jaccard, P. & Frey, A.
Quellung, permeabilität und filtrationswiderstand des zug- und druckholzes von laub- und nadelbäumen. Jahrb. Wiss. Bot. 69: 549-571. illus., pl.2. O.1928, no.4.

Mäckel, H.G.
Zur cytologie einiger saprolegniaceen. Jahrb. Wiss. Bot. 69: 517-548. illus. O.1928. no.4.

Roeben, M.
Studien zur physiologie des milchsaftes. Jahrb. Wiss. Bot. 69: 587-635. O.1928. no.4.

Weinedel-Liebau, F.
Zytologische untersuchungen an Artemisia-arten. Jahrb. Wiss. Bot. 69: 636-686. illus. O.1928. no.4.

Japanese Journ. Bot. (Tokyo)

Hemmi, T. & Abe, T.
An outline of the investigations on the seed- and seedling-rot of rice caused by a watermould, Achlya prolifera Nees. Japanese Journ. Bot. 4: 113-123. pl. xvi. O.1928. no.2.

Ikeno, S.
Studien über die vererbung der blütenfarbe bei Portulaca grandiflora. III. Mosaikfarbe. Japanese. Journ. Bot. 4: 189-217. col.pl.xxii. O.1928. no.2.

Shoji, T. & Nakamura, T.
On the dioecism of garden asparagus (Asparagus officinalis L.) Japanese Journ. Bot. 4: 125-151. illus. O.1928. no.2

Togashi, K.
Three fusaria which cause the wilt disease of pea. Japanese Journ. Bot. 4: 153-188. pl. xvii-xxi. O.1928. no.4.

Fusarium arthrosporioides, F.sporotrichioides, F.anguioides.

Journ. Agr. Res.

Drechsler, C.
Zonate eyespot of grasses caused by Helminthosporium giganteum. Journ. Agr. Res. 37: 473-492. illus., 8 pl. O.15, 1928. (Rec'd N.21)

Johann, H., Holbert, J.R. & Dickson, J.G.
A Pythium seedling blight and root rot of Dent corn. Journ. Agr. Res. 37: 443-464. illus. pl. O.15,1928 (Rec'd N.21) no.8.
Pythium arrhenomanes.

Kearney, T.H. & Harrison, G.J.
Variation in seed fuzziness on individual plants of Pima cotton. Journ. Agr. Res. 37: 465-472. illus. O.15, 1928 (Rec'd N.21) no.8.

Rosen, H.R. & Groves, A.B.
Studieson fire blight: host range. Journ. Agr. Res. 37: 493-505. illus. O.15,1928. (Rec'd N.21) no.8.

Journ. Agr. Sud-Ouest (Toulouse)

Maylin, M.
La chute des fruits, ses causes, les moyens d'y remédier. Journ. Agr. Sud-Ouest. 7: 144-160. Jl.1928. no.79.

Journ. & Proc. Roy. Soc. N.S.W. (Sydney)

Blakely, W.F.
Descriptions of nine new species of Eucalyptus. Journ. & Proc. Roy. Soc. N.S.W. 61: 149-178. pl. iii. My.1928. (Rec'd N.)
Eucalyptus pygmaea, E.deformis, E.æquans, E. globoidea, E.callanii, E.bottii, E. robertsohi, E. multicaulis, E. bleeseri, n.sp.

Cheel, E.
Descriptions of four new species of Boronia, with notes on certain other species. Journ. & Proc. Roy. Soc. N.S.W. 61: 401-414. My.1928. (Rec'd N.)
Boronia subulifolia, B.hispida, B.ruppii, B.whitei, sp.nov.

Currey, G.S.
The cause of blueing in red roses. Journ. & Proc. Roy. Soc. N.S.W. 61: 307-314. My.1928 (Rec'd N.)
Cause of blueing in red roses due to insufficient tannin in the cell sap of the petals.

Journ. & Proc. Roy. Soc. N.S.W. (Cont.)

Penfold, A.R.
The essential oil from the timber of rose-wood. (Dysoxylon fraseranum) Journ. & Proc. Roy. Soc. N.S.W. 61: 337-346. My.1928. (Rec'd N.)

Penfold, A.R.
The essential oil of Eucalyptus bakeri (Maiden) Journ. & Proc. Roy. Soc. N.S.W. 61: 179-189. My. 1928 (Rec'd N.)

Penfold, A.R. & Morrison, F.R.
The essential oils of Eucalyptus micrantha (De Candolle) and E. haemastoma (Smith). Journ. & Proc. Roy. Soc. N.S.W. 61: 267-278. pl. vi. My. 1928. (Rec'd N.)

Penfold, A.R.
The essential oils of two species of Baeckea. Journ. & Proc. Roy. Soc. N.S.W. 61: 285-295. My.1928 (Rec'd N.)
Baeckea brevifolia, Beackea linifolia var. brevifolia.

Penfold, A.R. & Morrison, F.R.
The occurrence of a number of varieties of Eucalyptus dives as determined by chemical analyses of the essential oils I- Journ. & Proc. Roy. Soc. N.S.W. 61: 54-67. p.i-ii. My.1928 (Rec'd N.)

Waterhouse, W.L.
Studies in the inheritance of resistance to leaf rust, Puccinia anomala Rostr., in crosses of barley I- Journ. & Proc. Roy. Soc. N.S.W. 61: 218-247. pl. iv-v. My.1928 (Rec'd N.)

Welch, M.B.
The moisture content of some Eucalyptus woods. Journ. & Proc. Roy. Soc. N.S.W. 61: 296-306. My. 1928 (Rec'd N.)

Welch, M.B.
The wood structure of some species of kauri (Agathis spp.) Journ. & Proc. Roy. Soc. N.S.W. 61: 248-266. illus. My.1928. (Rec'd N.)

Journ. Bombay Nat. Hist. Soc.

Blatter, E.
New Commelinaceae from the western Ghats. Journ. Bombay. Nat. Hist. Soc. 33: 73-77. S. 1928. no.1.
Aneilema regidum, A.hallbergii, A.siennea, Cyanotis epiphytica, C.sahyadrica, sp.nov.

Blatter, E. & McCann, C.
Revision of the flora of the Bombay Presidency (cont.) Journ. Bombay Nat. Hist. Soc. 33: 7-25. S.1928. no.1.

McCann, C.
The study of plant life (cont.) Journ. Bombay Nat. Hist. Soc. 33: 35-46. illus., 3 pl. S.1928. no.1.

Journ. Bot. (London)

Brown, N.E.
Mesembryanthemum and allied genera (cont.) Journ. Bot. 66: 322-327. N.1928. no.791.

Dancy, J.E.
Michelia montana and two allied new species. Journ. Bot. 66: 319-322. N.1928. no.791.
Michelia hypolampra, M.kingii, sp. nov.

Exell, A.W.
Mr. John Gossweiler's plants from Angola and Portuguese Congo. Dicotyledones: Polypetalae. (cont.) Journ. Bot. 66: 169-176. N.1928. no.791.

Exell, A.W.
Two new species from Zanzibar Island. Journ. Bot. 66: 327-329. N.1928. no.791.
Hibiscus zanzibaricus, Grewia vaughanii, sp.nov.

Paulson, R.
Lichens from Yunnan. Journ. Bot. 66: 313-319. pl. 587. N.1928. no.791.

Ridley, H.N.
Charles Curtis (1853-1928) Journ. Bot. 66: 332-333. N.1928. no.791.

Journ. Dept. Agr. So. Australia (Adelaide)
Richardson, A.E.V. & Trumble, H.C.
The transpiration ratio of farm crops and pasture plants in the Adelaide district. Juurn. Dept. Agr. South Australia. 32: 224-244. illus. O.1928. no.3.

Journ. Hered. (Wash.,D.C.)
Malinowski, E.
Variegation and chromosomes in Petunia. Journ. Hered. 19: 521-526. illus. N.1928. no.11.

Waldo, G.F. & Darrow, G.M.
Hybrids of the Hautbois strawberry. Fertile hybrids between Fragaria moschata and F. virginiana indicate that the former species may have entered into development of modern varieties. Journ. Hered. 19: 509-510. N.1928. no.11.

Journ. Indian Bot. Soc. (Madras)
Allen, G.O.
Charophyte notes from Saharanpur, U.P. Journ. Indian Bot. Soc. 7: 49-69. illus. 6 pl. Jl. 1928. no.2.

Blatter, E., McCann, C. & Sabnis, T.S.
The flora of the Indus delta (cont.) Journ. Indian Bot. Soc. 7: 70-96. plates. Jl. 1928. no.2.

Sabnis, T.S.
Shoot-buds from root-cutting. Journ. Indian. Bot. Soc. 7: 45-48. 3 pl. Jl.1928. no.2.

Journ. N.Y. Bot. Gard.
Britton, N.L.
The herbarium of Eugene A. Rau. Journ. N.Y. Bot. Gard. 29: 284-285. N.1928. no.347.

Kartoffel, Zeitschr. Kartoffelbau. (Berlin)
Kottmeier, Fr.
Der einfluss verschiedener stickstoffdüngemittel auf die anfälligkeit der kartoffel gegen krankheiten. Kartoffel, Zeitschr. Kartoffelbau. 8: 233-235. N.1,1928. no.21.

Kranke Pflanze. (Dresden)

Kaven, G.
Die stippe der apfel. Kranke Pflanze. 5: 187. N.1928. no.11.

Landgraf, T.
Wurzelälchen an kulturhausbegonien (Hederodera (sic.) radicicola spec.) Kranke Pflanze. 5: 179-181. illus. N.1928. no.11.

Mitt. Deut. Landw. Ges. (Berlin)

Muth, F.
Die melanose der amerikanerreben. Mitt. Deut. Landw. Ges. 43: 1063-1066. N.24,1928. no.47.

Nature. (London)

Alexander, W.B.
Habitats of Araucarias and changes of climate. Nature. 122: 730. N.10,1928. no.3080.

Hutchinson, J.B.
Continued self-pollination in cotton. Nature. 122: 730. N.10,1928. no.3080.

Sir Joseph Banks, Bart. President of the Royal Society from 1778 until 1820. Nature. 122: 815-816. N.24,1928. no.3082.

Naturforsch. (Berlin)

Hueck, K.
Eine pflanzengeographische studienfahrt nach Finnland. Naturforsch. 5: 337-341. pl.59-60. N.1928. no.8.

New Zeal. Journ. Agr. (Wellington)

Hadfield, J.W.
Potato-culture. Descriptions of some of the more important varieties (cont.) New Zeal. Journ. Agr. 37: 254-261. illus. O.1928. no.4.

Levy, E.B.
The grasslands of New Zealand. Grasses and clovers for hill country (cont.) New Zeal. Journ. Agr. 37: 229-238. illus. O.1928. no.4.

Ohio Journ. Sci. (Columbus)
Thomas, R.C.
The ceric acid reaction with particular reference to suberin. Ohio Journ. Sci. 28: 246-252. S.1928. no.5.

Perfu. & Essent. Oil Rec. (London)
Penfold, A.R. & Morrison, F.R.
Occurrence of a number of varieties of Eucalyptus dives II. Perfum. & Essent Oil Rec. 19: 468-470. N.1928. no.12.

Plant.& Sugar Manuf. (New Orleans)
Cross, W.E.
The respective merits of the P.O.J.36, 213 and 234 canes in Argentina. Plant. & Sugar Manuf. 81: 421-424. illus. D.1,1928. no.22.

Earle, F.S.
Sugar cane varieties in Cuba. (cont.) Plant. & Sugar Manuf. 81: 404-405, 424-425, 439. N.24, D.1, 1928. no.21-22.

Physis. (Buenos Aires)
Castellanos, A.
Algunos árboles y arbustos de interés floristico. regional. Physis. 9: 98-101. illus. Ag. 1928. no.32.
Opuntia puelchana, n.sp.; Polylepis australis, Maytenus viscifolia, Colletia cruciata.

Castellanos, A.
Germinación del "Trichocereus pasacana" (Web.) Brit. et Rose. Physis. 9: 141-145. illus. Ag.1928. no.32.

Castellanos, A.
Joseph Nelson Rose. Physis. 9: 154-155. Ag.1928. no.32.

Molfino, J.F.
Notas botánicas VI. Physis. 9: 77-93. Ag.1928. no.32.

V.10, no.25, p.28.

Physis. (cont.)

Parodi, L.R.
Notas sobre gramineas de la flora argentina II[a] Physis. 9: 12-45. illus. Ag.1928. no.32.

Thellung, A.
Amarantus hybride et Lepidium nouveau de l'Argentine. Physis. 9: 8-11. Ag.1928. no.32.
Amarantus gracilis x muricatus (x A.parodii), hybr. nov.; Lepidium argentinum, spec.nov.

Phytopath. (Lancaster, Pa.)

American phytopathological society - Pacific division.
Report of 12th annual meeting Je.13-16,1928 [& abstracts of papers] Phytopath. 18: 947-953. N.1928. no.11.

Cooper, D.C. & Porter, C.L.
Phytophthora blight of peony. Phytopath. 18: 881-899. illus., pl.xxix. N.1928. no.11.
Phytophthora paeoniae, n.sp.

Galloway, B.T.
Flora W. Patterson, 1847-1928. Phytopath. 18: 877-879. N.1928. no.11.
Publications: p.879.

Hansen, H.N.
Endosepsis and its control in caprifigs. Phytopath. 18: 931-938. illus. N.1928. no.11.

Jehle, R.A. & Hunter, H.A.
Observations on the discharge of ascospores of Venturia inaequalis in Maryland. Phytopath. 18: 943-945. N.1928. no.11.

Lee, H.A. & Pierce, W.D.
Bacterial red-stripe disease of sugar cane in countries of the Pacific. Phytopath. 18: 945. N.1928. no.11.

Mackie, J.R.
Localization of resistance to powdery mildew in the barley plant. Phytopath. 18: 901-910. illus. N.1928. no.11.

Phytopath. (cont.)

Pammel, L.H.
Cladosporium diseases. Phytopath. 18: 947. N.1928. no.11.

Peltier, G.L.
Control of bunt of wheat in Nebraska. Phytopath. 18: 921-929. N.1928. no.11.

Porter, R.H. Yu, T.F. & Chen, H.K.
The effect of seed disinfectants on smut and on yield of millet. Phytopath. 18: 911-919. N. 1928. no.11.

Tompkins, C.M. & Nuckols, S.B.
Development of storage diseases in sugar beets resulting from hook injury. Phytopath. 18: 939-941. illus. N.1928. no.11.
Phoma betae principal wound parasite, several species of Fusarium also found.

Proc. Boston Soc. Nat. Hist.

Fassett, N.C.
The vegetation of the estuaries of northeastern North America. Proc. Boston Soc. Nat. hist. 39: 73-130. pl.6-15. N.1928. no.3.

Proc. Linn. Soc. N.S.W. (Sydney)

Blakely, W.F.
The Loranthaceae of Australia VII. Proc. Linn. Soc. N.S.W. 53(2): 31-50. pl. i-ix. My.1928. (Rec'd.N.)

Francis, W.D.
The growth rings in the wood of Australian araucarian conifers. Proc. Linn. Soc. N.S.W. 53(2): 71-79. pl. x-xi. My.1928 (Rec'd N.)

Rupp, H.M.B. & Nicholls, W.H.
A review of the Australian species of Corysanthes (Orchidaceae). Proc. Linn. Soc. N.S.W. 53(2): 80-89. pl. xii. My.1928 (Rec'd N.)

Proc. Linn. Soc. N.S.W. (cont.)

Walkom, A.B.
Fossil plants from Plutoville, Cape York Peninsula. Proc. Linn. Soc. N.S.W. 52(2): 145-150. illus., pl.xii-xiv. My.1928 (Rec'd N.)

Walkom, A.B.
Fossil plants from the upper palaeozoic rocks of New South Wales. Proc. Linn. Soc. N.S.W. 53(3): 255-269. pl. xxi-xxiii. Jl.1928 z(Rec'd N.)

Proc. Oklahoma Acad. Sci.

Balyeat, R.M.
The importance of Oklahoma's wind-borne pollinated plants from a medical standpoint, with special reference to hay-fever and asthma. Proc. Oklahoma Acad. Sci. 7: 110-119. Je.1928.

Cross, F.B.
May water loss from plants be reduced by foliage sprays? Proc. Oklahoma Acad. Sci. 7: 129-131. Je.1928.

Harvey, J.V.
A new species of water mold from Wisconsin. Proc. Oklahoma Acad. Sci. 7: 136. Je.1928.
New species closely resembling Thraustotheca and placed by the author in that genus.

Harvey, J.V.
A survey of the water molds occurring the soils of North Carolina, Wisconsin and Oklahoma. Proc. Oklahoma Acad. Sci. 7: 135. Je.1928.

Martin, J.N. & Featherly, H.I.
Lateral bud primordia in the embryo of Gymnocladus dioica. Proc. Oklahoma Acad. Sci. 7: 120-122. illus. Je.1928.

Shirley, J.C.
Partial list of the angiosperms of Garfield County. Proc. Oklahoma Acad. Sci. 7: 105-109. Je.1928.

Proc. Oklahoma Acad. Sci. (cont.)

Stratton, R.
Fairy rings of Lepiota morgani Pk. in Oklahoma. Proc. Oklahoma Acad Sci. 7: 123-127. illus. Je.1928.

Stratton, R.
Gyromitra brunnea, Underwood. Proc. Oklahoma Acad. Sci. 7: 128. Illus. Je.1928.

Proc. R. Soc. Victoria.(Melbourne)

Patton, R.T.
Anatomy of Australian coniferous timbers. Proc. Roy. Soc. Victoria. n.s., 40: 1-16. pl. i-v. D.1927 (Rec'd N.1928) no.1.

Progr. Agr. & Vitic. (Montpellier)

Desprez, F.
Le traitement à sec des blés contre la carie. Progr. Agr. et Vitic. 90: 471-472. N.11, 1928. no.46.

Repert. Spec. Nov. Fedde. (Berlin)

Burchard, O.
Ein neues dunkelrot blühendes Aeonium der Kanarischen Inseln. Repert. Spec. Nov. Fedde. 25: 51-52. pl. xliii. O.1928. no.4/5.
Sempervivum (Aeonium) nobile, n.sp.

Dinter, K.
Index der aus Deutsch-Südwestafrika bis zum jahre 1917 bekannt gewordenen pflanzenarten XXVI. Repert. Spec. Nov. Fedde. 25: 49-51. O.1928. no.4/6.

Helwig, B.
Oenotheraceae nonnullae cubenses. Repert. Spec. Nov. Fedde. 25: 53. O.1928. no.4/6.
Ludwigia cubensis, spec.nov.
Jussiaea leptocarpa var. angustissima, J. sedoides.

Kränzlin, F.
Ein neues Bulbophyllum aus Madagascar. Repert. Spec. Nov. Fedde. 25: 55-56. O.1928. no.4/6.
Bulbophyllum maleolens.

Repert. Spec. Nov. Fedde. (cont.)

Krause, K.
Beitrage zur flora Kleinasiens III. Repert. Spec. Nov. Fedde. 25(Repert. Europ. et Med. 2): 86-95. O.1928. no.4/6.

Rosenstock, E.
Filices novae a cl. Dr. O. Buchtien in Bolivia collectae VI. Repert. Spec. Nov. Fedde. 25: 56-64. O.1928. no.4/6.

Trelease, W.
Loranthacea nova hispaniolensis. Repert. Spec. Nov. Fedde. 25: 55. O. 1928. no.4/6.
Phoradendron ficulneum, n.sp.

Trelease, W.
Piperaceae hispaniolenses III. Repert. Spec. Nov. Fedde. 25: 54-55. O.1928. no.4/6.
Peperomia percrassicaulis, P. propugnaculi, P. quadrivii, P.scopulorum, n.spp.

Wulff, E.
Flora der Krim. Conspectus florae tauricae. Repert. Spec. Nov. Fedde. 25(Repert. Europ. et Med.2): 65-86. O 1928. no.4/6.

Rev. Bryol. (Caen)

Allorge, P.
Notes sur la flore bryologique de la Péninsule Ibérique II. Muscinées de la province de León. Rev. Bryol. n.s., 1:137-150. O.1928. no.2/3.

Chalaud, G. & Nicolas, G.
A propos de la fausse dichotomie du Metzgeria furcata Dum. Rev. Bryol. n.s., 1: 135-136. O.1928. no.2/3.

Dismier, G.
Note sur la répartition en France du Phascum mitraeforme (Limpr.) Warnst. Rev. Bryol. n.s., 1: 130-131. O. 1928. no.2/3.

Gaume, R.
Le Brachytecium plumosum (Sw.) Br. eur. dans la forêt de Rambouillet (S.-et-O.) et sa répartition dans la région parisienne. Rev. Bryol. n.s., 1: 132-134, O.1928. no.2/3.

Rev. Bryol. (cont.)

Györffy, I.
Notationes bryologicae I-Iv Rev. Bryol. n.s., 1: 81-86. illus. 0.1928. no.2/3.
1. Zwei neue standorte der Neesiella carnica. 2. Funaria - abnormitäten. 3. Ueber areal und oekologie von Hygrohypnum styriacum. 4. "Funaria (Enthostodon) hungarica Boros" nomen delendum.

Herzog, T.
Drei neue laubmoosgattungen. Rev. Bryol. n.s., 1: 98-108. illus. 0.1928. no.2/3.
Valdiviella, Pulvinella, Ptychophyllu, nov.gen.

Potier de la Varde, R.
Mousses nouvelles de l'Afrique tropicale française. Diagnoses préliminaires VI. Rev. Bryol. N.s., 1: 87-97. plii-vii. 0.1928. no.2/3.

Verdoorn, Fr.
Kritische bemerkungen über ostasiatische und ozeanische Frullania- arten aus dem subgenus Homotropantha. Rev. Bryol. n.s., 1: 109-122. illus. 0.1928.

Riv. Patol. Veg. (Pavia)

Nannizzi, A.
Una Pleospora dannosa alla Rosa banksiae R.Br. Riv. Patol. Veg. 18:185-191. S./O. 1928. no.9/10.
P. herbarum f. rosae banksiae.

Sbornik Výzkumn. Ustavů Zeměd. RCS (Recueil Trav. Inst. Rech. Agron.Rép. Tchécosl.) (Prague)

Baudyš, E.
Nepravé padi chmelové na Moravě (Le mildiou du houblon en Moravie). Sbornik Výzkumn, Ustavů Zeměd RCS (Recueil Trav. Inst. Rech. Agron. Rép Tchécosl.) 27: 261-287. illus. 1927 (Rec'd N.1928)
Czechoslovakian with French summary.

Blattný, C.
Peronospora chmelová (nepravé padli chmelové) (Pseudoperonospora humuli (Miyabe et Takahashi) Wlls. Le mildiou du houblon. Sborn. Výzkumn. Ustavů Zeměd. RCS (Recueil Trav. Inst.Rech. Agron. Rép. Tchécosl.) 27: 3-260. illus., col.pl. 1927 (Rec'd N.1928)
Czechoslovakian with French summary.

Science. (Lancaster, Pa.)

Bartholomew, R.P.
Easy sampling of plant tissue. Science. 68: 513. N.23,1928. no.1769.

Sass, J.E.
Aberrant heterothallism in a homothallic Coprinus. Science. 68: 548. N.30, 1928. no.1770.
Coprinus ephemerus.

Scient. Agr. (Ottawa)

Kemp, W.L.S.
Observations on cuttings of a variety lilac. Scient. Agr. 9: 216-230. illus. D.1928. no.4.

Newton, M., Johnson, T. & Brown, A.M.
New physiologic forms of Puccinia graminis tritici. Scient. Agr. 9: 209-215. D. 1928. no.4.

South African Gard. (Johannesburg)

Bolus, L.
Plants - New and noteworthy (cont.) South Afr. Gard. 18: 341-342. illus. N.1928. no.11.
Romulea longituba, R.alpina, R. duthieae, n.sp.

Bolus, L.
Punctillaria sororia N.E.Br. South Afr. Gard. 18: 332. col. pl. N.1928. no. 11.

Spisan. Zemled. Izpitat. Inst. B'lagariia (Rev. Inst. Rech. Agron. Bulgarie)

Dimitrov, T.
... Les planted ligneuses exotique de forêt et de parc en Bulgarie. Spisan Zemled. Izpitat. Inst. B'lgariia (Rev. Inst. Rech. Agron. Bulgarie) 4(1/2): 1-101. 1928.
Bulgarian with French summary.

Patev, P.
... Wildfire a new bacterial leaf-spot disease of tobacco in Bulgaria. Spisan Zemled. Izpitat. Inst. B'lgariia. (Rev. Inst. Rech. Agron. Bulgarie) 4(3): 101-112. iv pl. 1928.
Bulgarian with English summary.
Symptoms typicalof American disease but organism differs in some respects.

Spisan. Zemled. Izpitat. Inst. B'lgariia (Rev.Inst.Rech.Agron. Bulgarie) (cont.)

Proichov, G.
... Inheritance of rust resistance in selfed lines of timothy. Spisan. Zemled. Izpitat. Inst. B'lgariia (Rev. Inst. Rech. Agron. Bulgarie) 4(3): 1-24. illus. 1928.
Bulgarian with English summary.

Savov, K.
... Sur les essais de traitement du charbon du moha. Spisan. Zemled. Izpitat. Inst. B'lgariia) Rev. Inst. Rech. Agron. Bulgarie) 4(3): 91-99. 1928.
Bulgarian with French summary.

Svensk Bot.Tidskr.

Ekman, E.
The dissepiment in the genus Draba. Svensk Bot. Tidskr. 22: 482-483. N. 1928. no.3.

Eliasson, A. G.
Svampar från Bohuslän. Svensk Bot. Tidskr. 22: 417-436. N.1928. no.3.

Erlandsson, S.
Diatomeen aus Afrika. Svensk Bot. Tidskr. 22: 449-461. illus. N.1928. no.3.

Holmboe, J.
Om bladenes overvintring hos Polystichum braunii (Spenn.) Fée. Svensk Bot. Tidskr. 22: 477-478. N.1928. no.3.

Johansson, K.
Ytterligare några Hieracium från Stockholmstrakten. Svensk Bot. Tidskr. 22: 462-464. N.1928. no.3.
Hieracium garnense, H.hagstroemii, n.sp.

Juel, O.
Två sällsynta parasitsvampar. Svensk Bot. Tidskr. 22: 478-480. illus. N.1928. no.3.
Pseudoperonospora humuli, Melanotaenium endogenum.

Qvarfort, S.
Några anteckningar om runmarös orkidéer. Svensk Bot. Tidskr. 22: 442-448. N.1928. no.3.

Svensk Bot. Tidskr. (cont.)

Segerström, A.L.
Lamium album L. f. subintegerrimum n.f.
Svensk. Bot. Tidskr. 22; 480-482. illus. N. 1928. no.3.

Simmons, H.G.
De i sverige funna arterna av Ambrosia L.
Svensk Bot. Tidskr. 22: 437-441. N.1928. no.3.

Svensson, H. G.
Zur entwicklungsgeschichte der blüten und samen von Limosella aquatica L. Svensk Bot. Tidskr. 22: 465-476. illus. N.1928. no.3.

Trans. Bot. Soc. Edinb.

Alcock, N.L. & Martin, M.S.
A seed-borne disease of clover (Trifolium repens L.) Trans. Bot. Soc. Edinburgh. 30: 13-18. pl. i. 1928. no.1.
Fungus agrees in size of asci, ascospores, and general life-history with Sclerotinia trifoliorum but size of apothecia is smaller.

Bovell, M.L.R.
Note on a circumnutation record. Trans. Bot. Soc. Edinburgh. 30: 46-48. 1928. no.1.

Graham, R.J.D. & Stewart, L.B.
Injection experiments on trees. Trans. Bot. Soc. Edinburgh. 30: 19-20. 1928. no.1.

Kean, C.I.
Artificial crystals in preserved tissue of Mesembryanthemum. Trans. Bot. Soc. Edinburgh. 30: 43-45. pl. ii. 1928. no. 1.

Kean, C.I.
Light receptors in Mesembryanthemum. Trans. Bot. Soc. Edinburgh. 30: 37-42. illus. 1928. no.1.

Miller, E.W.
On the occurrence of schizocotyly in certain ranunculaceous seedlings. Trans. Bot. Soc. Edinburgh. 30: 21-36. illus. 1928. no. 1.

Trans. Bot. Soc. Edinb. (cont.)

Smith, E.P.

The reaction of the medium in relation to root formation in Coleus. Trans. Bot. Soc. Edinburgh. 30: 53-58. 1928. no.1.

Coleus blumei.

Smith, W. G.

Notes on the effect of cutting bracken (Pteris aquilina L.) Trans. Bot. Soc. Edinburgh. 30: 3-12. illus. 1928. no. 1.

Wright, J.

The causal parasite of the lily disease. Trans. Bot. Soc. Edinburgh. 30: 59-65. illus. 1928. no.1.

Botrytis elliptica (Berk.) Wright.

Trop. Agriculture West Indies (Trinidad)

Barber, C.A.

Indian canes, classification and origin. Trop. Agr. West Indies. 5: 320-322. D.1928. no.12.

Small, W.

Note on the parasitism of Macrophomina phaseoli (Maubl.) Ashby (Rhizoctonia bataticola (Taub.) Butler. Trop. Agr. West Indies. 5: 315-319. D. 1928. no.12.

Comments on the above note, by H.R. Briton-Jones: p.319-320.

Trop. Agr. (Ceylon) (Peradeniya)

Murray, R.K.S.

A note on cover crops in relation to root diseases of rubber. Trop. Agr. (Ceylon) 71: 233-236. O. 1928. no.4.

Small, W.

The parasitism of Rhizoctonia bataticola (Taub.) Butler and other fungi. Trop. Agr. (Ceylon) 71: 215-227. O. 1928. no.4.

Trop. Woods, Yale Univ. Sch. For. (New Haven, Conn.)

Kribs, D.A.

The wood of Carya tonkinensis H. Lecomte. Trop. Woods, Yale Univ. Sch.For. 16: 50-52. D. 1928.

Trop.Woods, Yale Univ. Sch.For. (cont.)

Macbride, J.F.
Identity of the Peruvian mahogany. Trop. Woods, Yale Univ. Sch. For. 16: 49-50. D.1928.
Swietenia tessmannii of Harms identical with S. macrophylla.

Record, S.J.
Contributions to the arborescent flora of western Panama. Trop. Woods, Yale Univ. Sch. For. 16: 9-35. D.1928.
Check list of common names: p.26-35.

Record, S.J.
Trees collected by G. Procter Cooper near Permé, Panama. Trop. Woods, Yale Univ. Sch. For. 16: 35-37. D.1928.

Standley, P.C.
Five new trees and shrubs from Nicaragua. Trop. Woods, Yale Univ. Sch. For. 16: 43-46. D. 1928.
Ravenia rosea, Tetrorchidium rotundatum, Schlegelia nicaraguensis, Chomelia englesingii, Cephaelis nicaraguensis.

Standley, P.C.
New trees from British Honduras. Trop. Woods, Yale Univ. Sch. For. 16: 38-42. D.1928.
Coccoloba belizensis, Pterocarpus reticulatus, Allophylus longeracemosus, Cupania belizensis, Bourreria oxyphylla, Aegiphila pauciflora, Palicourea stevensonii, n.sp.

Standley, P.C.
Two new trees from Honduras. Trop. Woods, Yale Univ. Sch. For. 16: 47-48. D.1928.
Pithecolobium johanseni, Alseis hondurensis.

Verh. Bot. Ver. Prov. Brandenb. (Berlin-Dahlem)

Hillman, J.
Zur flechtenflora der Mark Brandenburg. III. Verh. Bot. Ver. Prov. Brandenburg. 70: 44-54. My.1928. no.1.

Hueck, K.
Ein pollendiagramm aus der Uckermark. Verh. Bot. Ver. Prov. Brandenburg. 70: 77-82. My.1928. no.1.

Verh. Bot. Ver. Prov. Brandenb. (cont.)

Krieger, W.
Zur algenflora des alten grossen Prüssnicksees. Verh. Bot. Ver. Prov. Brandenburg. 70: 82-84. My. 1928. no. 1.

Libbert, W.
Neue funde und beobachtungen im fallsteingebiete. Verh. Bot. Ver. Prov. Brandenburg. 70: 56-62. My.1928. no.1.

Schulz-Korth, K.
Bemerkenswerte lichenenfunde aus der Mark, 1927. Verh. Bot. Ver. Prov. Brandenburg. 70: 55-56. My. 1928. no. 1.

Torka, V.
Diatomeen-studien. Verh. Bot. Ver. Prov. Brandenburg. 70: 62-77. illus. My.1928. no.1.

Ulbrich, E.
Friedrich Vaupel. Verh. Bot. Ver. Prov. Brandenburg. 70: 31-35. My.1928. no.1.

Ulbrich, E.
Geopyxis ammophila (Durieu et Lév.) Sacc., eine für Deutschland neue Pezizacee. Verh. Bot. Ver. Prov. Brandenburg. 70: 84-87. My.1928. no.1.

Ulbrich, E.
Georg Bitter.13 August 1873 - 30 Juli 1927. Verh. Bot. Ver. Prov. Brandenburg. 70: 37-43. My. 1928. no. 1.

Ulbrich, E.
Johannes Buchwald. Verh. Bot. Ver. Prov. Brandenburg. 70: 35-36. My. 1928. no.1.

Ulbrich, E.
Ludwig Radlkofer. 19. Dezember 1829 - 11. Februar 1927 in München. Verh. Bot. Ver. Prov. Brandenburg. 70: 26-30. My. 1928. no.1.

Exper. Stat. Publ.

Gilbert, A.H.
Net-necrosis of Irish potato tubers. Vermont Agr. Exp. Stat. Bull.289. 36 p. illus., xii pl. S.1928 (Rec'd D.)

New Books.

American peony society.
Peonies. Ed. by James Boyd. Harrisburg, 1928.
Fungus diseases, by F.Weiss: p,167-178.

Clark, J.A. & Ausemus, E.R.
Inheritance of immunity from balck stem rust, yield and protein content in Hope wheat crosses with susceptible and resistant varieties. [Washington, 1928]
Mimeographed.

Craib, W.
Florae siamensis enumeratio. A list of the plants known from Siam... v.1, pt.3, Connaraceae & Leguminosae. Bangkok, 1928.

McCurdy, R.M.
Garden flowers. Garden City, Doubleday 1927.
Reissue of Garden flowers worth knowing which appeared in 1925 & was also reissued in 1926.

Oakley, F.I.
Long vegetable fibres. London, E.Benn, 1928.

Smith, G.M.
A textbook of general botany. Rev.ed. N.Y., Macmillan, 1928.
J.B. Overton, E.M. Gilbert, R.H. Denniston, G.S. Bryan & C.E. Allen joint authors.

Sorauer, P.
Handbuch der pflanzenkrankheiten... 5., neubearb. aufl. hrsg. von Dr. O. Appel. v.2, Die pflanzlichen parasiten. 1. teil. Berlin, P. Parey, 1928.

Translations available in the Bur.Plant Industry Library.

Jacob, J.C.s'.
Anorganische beschadigingen bij Pisum sativum L. en Phaseolus vulgaris L. (Inorganic injuries to Pisum sativum L. and Phaseolus vulgaris L.) Baarn, 1927.
Translation of summary of results only.

Correction.

V.10, no.8, p.40 under Reprints.
entry for Muro-hide should be Kumoro, Hideo. The correct entry appears in v.10, no.12bis, p.34.

Filed out of place.

Bull Soc. Bot. France.

Bouygues, H.
A propos de la nécessité de l'oxygène de l'air sur l'accroissement des racines poussant dans l'eau. Bull. Soc. Bot. France. 75: 469-472. illus. S.1928. no.5/6.
Experiments with Salix purpurea.

Choisy, M.
Au sujet du Toninia alluviicola Choisy. Bull. Soc. Bot. France. 75: 476. S.1928. no.5/6.

Souèges, R.
Développement de l'embryon chez le Papaver rhoeas L. Bull. Soc. Bot. France. 75: 452-469. illus. S.1928. no.5/6.

BOTANY
CURRENT LITERATURE

ADDITIONS TO THE BOTANICAL CATALOGUE, BUREAU OF PLANT INDUSTRY.
COMPILED FROM PUBLICATIONS RECEIVED IN THE
LIBRARY OF THE UNITED STATES DEPARTMENT OF AGRICULTURE, WASHINGTON, D. C.

LIBRARY
RECEIVED
★ JAN 10 1929 ★
U. S. Department of Agriculture

Vol. 10, no. 26. Dec. 10-22, 1928.

Agric. Colon. (Firenze)

Lloyd, W.
I principali nemici dell'Hevea brasiliensis. Agric.Colon. 22: 417-426. N.1928. no.11.

Amer. Produce Grow. (Chicago)

Bouquet, A.G.B.
Desirable characters of a variety of tomato for forcing. Amer. Produce Grow. 3(12): 5. illus. D. 1928.

Angew. Bot. (Berlin)

Bruckner, J.
Ueber die bastardnatur der Mentha piperita L. Vergleichende anatomische untersuchungen. Angew. Bot. 10: 87-103. illus. Ja./F.1928. (Rec'd D.) no. 1.

Diepenbrock, F.
Beiträge zur botanischen und pharmakognostichen kenntnis von corolla illipis latifolize, radix tribuli cistoidis, rhizoma araliae racemosae und calyx hibisci sabdariffa. Angew. Bot. 10: 1-66. illus. Ja./F.1928 (Rec'd D.) no.1.
Illipe latifolia, Tribulus, Aralia, sp., Hibiscus sabdariffa.

Eichinger, A.
Die beeinflussung der länge der winterroggenähren und der zahl der ährchen durch dungung und aussaatzeit. - Eine methode zur unterscheidung von winter- und sommer saatgut. Angew. Bot. 10: 66-79. illus. Ja./F.1928 (Rec'd D.) no.1.

Esmarch, F.
Untersuchungen zur biologie des kartoffelkrebses III. Angew. Bot. 10: 280-304. My./Je. 1928. (Rec'd D.) no.3.

Esdorn, I.
Die feststellung der wirkung von trockenbeizmitteln im laboratoriumsversuch. Angew. Bot. 10: 178-186. Mr./Ap.1928 (Rec'd D.) no.2.
Testing of various fungicides for control of wheat bunt.

Angew. Bot. (cont.)

Fischer, G.
Aufgaben und wege der rebenzuchtung. Angew. Bot. 10: 317-339. Jl./Ag.1928 (Rec'd D.) no.4.

Fischer, H.
Versuche über humus-kohlensäure und weiteres über kohlensäure-dungung. Angew. Bot. 10: 152-156. Mr./Ap.1928 (Rec'd D.) no.2.

Görbing, J. & Munkelt, W.
Das guttationswasser der pflanze als diagnostisches hilfsmittel. Angew. Bot. 10: 79-87. illus. Ja./F.1928 (Rec'd D.) no. 1.

Hassebrauk, K.
Ueber den einfluss der blausäure auf die keimreife von samen. Angew. Bot. 10: 407-468. illus. S./O.1928. no.5.

Kamensky, K. W.
Anatomische struktur der samen von einigen Cuscutaarten und deren systematischer wert. Angew. Bot. 10: 337-406. S./O.1928. no.5.

Kohler, E.
Zur kenntnis von Phoma solaniccla Prill. et Del. Angew. Bot. 10: 113-139. illus. Mr./Ap.1928. no.2. (Rec'd D.)

Koshuckow, Z. A.
Ueber experimentelle chromosomenzahlverdoppelung in den somatischen zellen mit abnormen temperaturen. Angew. Bot. 10: 140-148. illus. Mr./Ap.1928. (Rec'd D.) no.2.

Liese, J.
Verhalten holzzerstörender pilze gegenüber verschiedenen holzarten und giftstoffen. Angew. Bot. 10: 156-170. Mr./Ap.1928 (Rec'd D.) no.2.

Oppenheimer, H.R.
Physiologische probleme bei der Citrus-anzucht. Angew. Bot. 10: 103-109. Ja./F.1928 (Rec'd D.) no. 1.

Angew. Bot. (cont.)

Pringsheim, E. G.
Vergleichende untersuchungen über saatgutdesinfektion. Angew. Bot. 10: 208-279. My./Je. 1928. (Rec'd D.) no.3.

Rimbach, A.
Wachstumsweise der calla (Zantedeschia aethiopica). Angew. Bot. 10: 148-152. illus. Mr./Ap.1928. (Rec'd D.) no.2.

Schaffnit, E.
Ueber das spezialisierungsproblem bei parasitischen pilzen. Angew. Bot. 10: 170-177. Mr./Ap. 1928. (Rec'd D.) no.2.

Weck,
Untersuchungen über blattbau und entwicklungsrhythmus bei drei beta-sorten. Angew. Bot. 10: 339-362. illus. Jl./Ag. 1928. (Rec'd D.) no.4

Winkelmann, A.
Zu dem vortrag von I. Esdorn "Die feststellung der wirkung von trockenbeizmitteln im laboratorium." Angew. Bot. 10: 305-307. My./Je.1928 (Rec'd D.) no.3.

Ann. Appl. Biol. (London)

Brierley, W.B.
Professor W. Johannsen. Ann. Appl. Biol. 15: 699-703. port. N.1928. no.4.

Burr, S.
Sprain or internal rust spot of potato. Ann. Appl. Biol. 15: 563-585. illus., pl. xxxiv-xxxvi. N. 1928. no.4.
Bacterium ruberfaciens, causing sprain; B.suberfaciens cause of a new disease, corky bacteriosis.

Cayley, D.M.
"Breaking" in tulips. Ann. Appl. Biol. 15: 529-539. pl. xxvii-xxix. N.1928. no.4.

Copeman, P.R.v.d.R.
Autocatlysis and growth. Ann. Appl. Biol. 15: 613-622. N.1928. no.4.

Ann. Appl. Biol. (cont.)

Goodwin, W.
The action of sulphur as a fungicide and as an insecticide I- Ann. Appl. Biol. 15: 623-638. illus. N.1928. no.4.

Hodson, W.E.H. & Gibson, G.W.
Some experiments with calcium cyanide as a control for plant parasitic nematodes. Ann. Appl. Biol. 15: 639-648. N.1928. no.4.

Ogilvie, L.
A transmission virus disease of the Easter lily. Ann. Appl. Biol. 15: 540-562. pl. xxx-xxxiii. N.1928. no.4.

Sampson, K.
The biology of oat smuts I- Ann. Appl. Biol. 15: 586-612. N.1928. no.4.
I. Viability of the chlamydospores.

Smith, J.H.
The transmission of potato mosaic to tomato. Ann. Appl. Biol. 15:517-528. pl. xxiv-xxvi. N. 1928. no.4.

Ann. Sci. Nat. Bot. (Paris)

Killian, C.
Études comparatives des caractères culturaux et biologiques chez les deutéromycètes et les ascomycètes parasites. Ann. Sci. Nat. Bot. X, 10: 101-292. illus. 2 col.pl. N.1928. no.2.
Ramularia, Ovularia, Cercospora, Septoria, Hypomyces, Diplocladium.

Arb. Bayer. Landesanst. Pflanzenb. u. Pflanzensch.

Böning, K.
Krankheiten des tabaks. Arb. Bayer. Landesanst. Pflanzenb. u. Pflanzensch. 4. 40 p. illus. 1928.

Kinzel, W.
Der hausschwamm. Arb. Bayer. Landesanst. Pflanzenb. u. Pflanzensch. 1. 11 p. illus., col. pl. 1928.

Korff, G. & Zattler, F.
Die Peronosporakrankheit des hopfens. Arb. Bayer. Landesanst. Pflanzenb. u. Pflanzensch. 5. 42 p. illus., col. pl. 1928.

Arch. Bot. Sistem. Fitogeogr. e Gen. (Forli)

Giacobba, A.
Sull'ecologia dell'abete bianco di Camaldoli. Arch. Bot. Sistem., Fitogeogr. e Gen. 4: 165-185. O./D.1928. no.3/4.
Abies alba.

Lanzoni, F.
Un caso di fasciazione totale di "Digitalis purpurea" L. Arch. Bot. Sistem., Fitogeogr. e Gen. 4: 202-205. illus. O./D. 1928. no.3/4.

Negodi, G.
Studio monografico sulla Silene angustifolia (Mill.) Guss. con particolare riguardo alle forme italiane (cont.) Arch.Bot. Sistem., Fitogeogr. e Gen. 4: 217-272. 8 pl. O./D.1928. no.3/4.

Savelli, R.
L'eredità dell' androcarpia è regolata da fattori multipli. Arch. Bot. Sistem., Fitogeogr. e Gen. 4: 214-216. O./D.1928 no.3/4.
Experiments with Cucurbita pepo.

Savelli, R.
Germinàzioni gemellari ed anomalie correlative in "Cannabis sativa" L. Arch. Bot. Sistem., Fitogeogr. e Gen. 4: 206-213. illus. O./D.1928. no.3/4.

De Bergcultures (Batavia, Java)

Björklund, G.
Bestreijdingsproeven tegen meeldauw op de onderneming kroewoek, in het bijzonder door bestuiving met zwavel. De Bergcultures. 3: 451-454. illus. N.3,1928. no.18.

De meeldauwbestrijdingsproeven op kroewoek in 1927. Bergcultures. 3: 472-477. illus. N.10, 1928. no.19.

Biochem. Zeitschr. (Berlin)

Bernhauer, K. & Schön, K.
Zum chemismus der citronensäurebildung durch pilze. III. Ueber die hypothesen der citronensäurebildungen und das auftreten von actealdehyd in der pilzkulturen. Biochem. Zeitschr. 202: 164-179. N.1928. no.1/3.

Němec, A.
Glycerophosphatasewirkung von pflanzensamen und fermentsynthese. Biochem. Zeitschr. 202: 229-235. N.1928. no.1/3.

Schreyer, R.
Säureungsversuche mit dem pilz Aspergillus fumaricus. Biochem. Zeitschr. 202: 131-156. N. 1928. no.1/3.

Biol. Zentralbl.(Leipzig)

Bluhm, A.
Einige fragende worte zum mutationsbegriff. Biol. Zentralbl. 48: 641-648. 1928. no. 11.

Geitler, L.
Neue untersuchungen über die sexualität der pennaten diatomeen. Biol. Zentralbl. 48: 648-663. illus. 1928. no. 11.

Bol. Agr. y Cam. Guatemala.

Barbales, M. A.
Algunas enfermedades fungosas de los cafetales de Guatemala. Bol. Agr. y Cam. Guatemala. 7: 433-436. S.1928. no.9.

Boll. Tecn. R. Ist. Sper. Tabacchi Scafati.

Achille Splendore. Boll. Tecn. R. Ist. Sper. Tabacchi, Scafati. 25: 125-128. port. Jl./S. 1928. no.3.
Pubblicazioni del Prof. Dr. Achille Splendore: p.127-128.

Anastasia, G.E.
Sul tabacco orientale coltivato a Lecce sotto il nome di soluck o zuluk. Boll. Tecn. R. Ist. Sper. Tabacchi, Scafati. 25: 150-152. Jl./S. 1928. no.3.

Bot. Jahrb. Engl. (Leipzig)

Jüssen, F.J.

Die haploidgeneration der araceen und ihre verwertung fur das system (concl.) Bot. Jahrb. Engler. 62: 193-283. pl. xxii-xxiv. N.1928. no. 3.

Lauterbach, C.

Beiträge zur flora von Papuasien XV. Die pflanzenformationen einiger gebiete Nordost-Neu-Guineas und des Bismark-Archipels. Bot. Jahrb. Engler. 62: 284-304. N.1928. no.3.

Petrak, F.

Mykologische beiträge zur flora der kanarischen inseln. Bot. Jahrb. Engler. 62(Beibl.142): 93-124. N.1928. no.3.

Bull. Agr. Exp. Stat. Inst. Agr. & Nat. Hist. Zionist Organ.

Reichert, I.

Comparative Bunt resistance of wheat in Palestine. Bull. Agr. Exp. Stat. Inst. Agr. & Nat. Hist. Zionist Organ. 9. 29 p. 1928.

Bull. Agr. Res. Inst. Pusa.

Ayyangar, C.R.

A leaf spot and blight disease of onions caused by Alternaria palandui nov.sp. Bull. Agr. Res. Inst. Pusa. 179. 14 p. 2 pl. 1928.

Ayyar, V.R.

A study of the locular composition in Cambodia cotton. Bull. Agr. Res. Inst. Pusa. 178. 20 p. 1928.

Taslim, Md.

Stem-rot of berseem caused by Rhizoctonia solani Kühn. Bull. Agr. Res. Inst. Pusa. 180. 8 p. pl. i-ii (part col.) 1928.

Trifolium alexandrinum.

Bull. Dept. Agr. Canada (Ottawa)

Ritchie, T.F.

Standard descriptions of vegetables: peas, a guide to seed growers. Bull. Dept. Agr. Canada. n.s., 107. 51 p. illus. 1928.

Bull. Dept. Agr. Canada. (cont.)

Simmonds, P.M.

Seedling blight and foot-rots of oats caused by Fusarium culmorum (W.G.Sm.) Sacc. Bull.Dept. Agr. Canada. n.s., 105. 43 p. incl. illus., 2 pl. 1928.

Studies in cereal diseases. III.

Bull. For. Dept. So. Africa.

Kotzé, J.J. & Hubbard, C.S.

The growth of eucalypts on the high veld & south-eastern mountain veld of the Transvaal. Bull. For. Dept. South Africa. 21. 59 p. plates. 1928.

Bull. Soc. Chim. Biol. (Paris.)

Canals, E.

Du rôle physiologique du magnésium chez les végétaux. Bull. Soc. Chim. Biol. Paris. 10: 1260-1270. N.1928. no.9.

Echevin, R. & Crépin, A.

Le dosage du soufre et du phosphore dans les tissus végétaux. Bull. Soc. Chim. Biol. Paris. 10: 1248-1256. N.1928. no.9.

Bull. Soc. Dép. Encouragement Agr. Herault.

Paul, F.

Faut-il retailler les vignes après la grêle. Bull. Soc. Dept. Encouragement Agr. Herault. 35: 171-175. N.1928. no.419.

Bull. Torr. Club.

Ashe, W.W.

Notes on southeastern woody plants. Bull. Torrey Bot. Club. 55: 463-466. N.1928. no.8.

Viburnum ozarkense, Quercus pygmea, sp.nov.

Berry, E.W.

Contributions to the mesozoic flora of the Atlantic coastal plain XV. Bull. Torrey Bot. Club. 55: 441-448. pl.11-12. N.1928. no.8.

Muscites, lesquereuxi, Antholithes ranaliformis, Mimusops collinsi, n.sp.

Bull. Torr. Club. (cont.)

Howe, M.A.

Edward Sandford Burgess (1855-1928). Bull. Torrey Bot. Club. 55: 433-440. port. N.1928. no.8.

Publications of Professor Burgess: p.439-440.

Wodehouse, R.P.

Pollen grains in the idenfification and classification of plants. II. Barnadesia. Bull. Torrey Bot. Club. 55: 449-462. illus., pl.13. N.1928. no.8.

Bull. U.S. Golf Assoc. Green Sect. (Wash.,D.C.)

Dahl, A.S.

Snow-mold. Bull. U.S. Golf Assoc. Green Sect. 8: 198-200. O.1928. no.10.

Caused by Fusarium nivale.

Monteith, J. & Dahl, A.S.

The control of snow-mold. Bull. U. S. Golf Assoc. Green Sect. 8: 200-204. illus. O.1928. no. 10.

Calif. Cult. (Los Angeles)

Braunton, E.

A botanic garden on a historic ranch. Calif. Cult. 71: 605. illus., port. D.15,1928. no.24.

On the historic Rancho Santa Ana, which runs for several miles along the winding Santa Ana River in Orange County, Mrs. Susanna Bixby Bryant, the owner, is establishing a botanic garden, of native California plants only.

Canad. Flor.(Peterboro, Ont.)

Newhall, A.G.

Tomato leaf mold control. Canad. Flor. 23: 561. D.18, 1928. no.26.

Centralbl. Bakt. Abt.II. (Jena)

Bavendamm, W.

Neue untersuchungen über die lebensbedingungen holzzerstörender pilze. Ein beitrag zur frage der krankheitsempfänglichkeit unserer holspflanzen. II. Gerbstoffversuche. Centralbl. Bakt. Abt.II. 76: 172-227. pl. i-iii. N.1928. no.8/14.

Circ. Dept. Agr. Canada.
Güssow, H. T.
The control of loose smut in wheat. Circ. Dept. Agr. Canada. 66. 3 p. 1928.

Compt. Rend. Acad. Sci. Paris.
Chevalier, A.
Sur l'origine des campos brésiliens et sur le role des Imperata dans la substitution des savanes aus forets tropicales. Compt. Rend. Acad. Sci. Paris. 187: 997-999. N.26,1928. no.22.

Combes, R.
Influence des traumatismes sur les migrations de substances chez les végétaux. Compt. Rend. Acad. Sci. Paris. 187: 993-995. N.26, 1928. no.22.

Gavaudan, P.
Sur la présence d'un champignon parasite dans les anthéridies de Marchanita polymorpha et son action sur la gamétogénèse. Compt. Rend. Acad. Sci. Paris. 187: 995-997. N.26, 1928. no.22.

Compt. Rend. Soc. Biol. Paris.
Conçalves da Cunha, A.
Sur l'imprégnation osmique du vacuome et du chondriome. Compt. Rend. Soc. Biol. Paris. 99: 1535-1536. N.16, 1928. no.32.
Experiments with wheat.

Curiamo Piante (Milan)
Ferraris, T.
Il marciume giallo dei giacinti. Curiamo Piante. 7: 209-212. N.1928. no. 11.
Bacterium hyacinthi.

Passalacqua, T.
Croste rosse sulle foglie del pruno prodotte dal "Polystigma rubrum" (Pers.) Dr. Curiamo Piante. 7: 212-213. N.1928. no.11.

Deut. Landw. Presse. (Berlin)
Reiling, H.
Die dürrfleckendrankheit der kartoffel. Deut. Landw. Presse. 55: 683-684. illus. N.24, 1928. no.47.

Flor. Rev. (Chicago)
Weinard, F.F.
Peony studies. Flor. Rev. 63(1620): 45-46. port. D.13,1928.
Peony growers' problems.

Fortschr. Landw.(Vienna.)
Forschum, O.
Ueber die saugkraft verschiedener hafer- und maissorten. Fortschr. Landw. 3: 1014-1017. N.15, 1928. no.22.

Gard. Chron. (London)
Anderson, A.W.
Celmisias. Gard. Chron. III, 84: 428-429, illus. D.1, 1928. no.2188.

Darnell, A.W.
The genus Primula (cont.). Gard. Chron. III, 84: 432. D.1, 1928. no.2188.

Fried, H.
Plant history in nomenclature (cont.) Gard. Chron. III, 84: 430-431. D.1, 1928. no.2188.

Gard. Chron. Amer. (N.Y.)
Coombes, G.
Interesting plants of the South African veldt. Gard. Chron. Amer. 32: 332. D.1928. no.12.

Genetics. (Menasha, Wisc.)
Imai, Y.
A consideration of variegation. Genetics. 13: 544-562. N.1928. no.6.

Thompson, W.P. & Cameron, D.R.
Chromosome numbers in functioning germ cells of species-hybrids in wheat. Genetics. 13:456-469. N.1928. no. 6.

Woodworth, C.M.
Relative infrequency of soybean varieties having only one factor for yellow coty ledon. Genetics. 13: 453-455. N.1928. no.6.

Hereditas. (Lund)

Håkansson, A.
Die reduktionsteilung in den samenanlagen einiger oenotheren. Hereditas. 11: 129-181. illus. D.1928. no.2/3.
English summary: p.177-178.

Heilborn, O.
Chromosome studies in Cyperaceae. Hereditas. 11: 182-192. illus. D.1928. no.2/3

Meurman, O.
Cytological studies in the genus Ribes L. Hereditas. 11: 289-356. illus. D.1928. no.2/3.

Müntzing, A.
Mendelnde pollenfarbe bei Lamium hybridum Vill. Hereditas. 11: 284-288. D.1928. no.2/3.

Müntzing, A.
Pseudogamie in der gattung Potentilla. Hereditas. 11: 267-283. D.1928. no.2/3.
English summary: p.281-282.

Turesson, G.
Erbliche transpirationsdifferenzen zwischen ökotypen derselben pflanzenart. Hereditas. 11: 193-206. D.1928. no.2/3.

Hoppe-Seyl. Zeitschr. Phys. Chem. (Berlin)

Grassmann, W. & Dyckerhoff, H.
Ueber die proteinase und die polypeptidase der hefe. Hoppe-seyl. Zeitschr. Phys. Chem. 179: 41-78. N.1928. no.1/3.

Hort. Illus. (Boston)

Johnson, C.W.
Growing the fringed gentian. Hort. Illus. 6: 551. illus. D.1, 1928. no.23.
Gentiana crinita from seed

Lazenby, F.
The blazing star. Hort. Illus. 6: 573. illus. D.15,1928. no.24.
Liatris sp.

Indische Mercuur (Amsterdam)

Royen, M.J.van.

Onderzoek van gom van Acacia decurrens uit Nederlandsch-Indie. Indische Mercuur. 51: 1007-1008. illus. D.5,1928. no.49.

Journ. Agr.Res.

Brooks, C. & Cooley, J.S.

Time-temperature relations in different types of peach-rot infection. Journ. Agr. Res. 37: 507-543. N.1, 1928 (Rec'd D.14) no.9.

Jones, F.R.

Development of the bucteria causing wilt in the alfalfa plant as influenced by growth and winter injury. Journ. Agr. Res. 37: 545-569. illus. N.1, 1928 (Rec'd D.14) no.9.

Journ. Agr. Sud-Ouest. (Toulouse)

Héron, G.

Continuation des recherches des meilleures variétés des blé convenant pour notre région du Sud-Ouest. Effet des engrais en 1927 (concl.) Journ. Agr. Sud-Ouest. 7: 206-211. O.1928. no.82.

Journ. Arnold Arb.

Camus, A.

Two new bamboos from New Guinea. Journ. Arnold Arb. 9: 144-146. N.1928. no.4.

Schizostachyum brassii, Bambusa brassii, n.sp.

Chun, W.

Additions to the knowledge of Chinese trees I- Journ. Arnold Arb. 9: 150-153. N.1928. no.4.

Castanopsis greenii.

Palmer, E.J.

A botanical trip through the Chisos Mountains of Texas. Journ. Arnold Arb. 9: 153-173. N. 1928. no.4.

Palmer, E.J.

Leaves from a collector's note book. Journ. Arnold Arb. 9: 173-187. N.1928. no.4.

Collecting trips in Oklahoma and Texas.

Cotinus americanus found on Rich Mt. in Oklahoma.

Journ. Arnold Arb. (cont.)

Trelease, W.

Some nondescript Pipers from New Guinea Journ. Arnold Arb. 9: 146-150. N.1928. no.4.

Wilson, E.H.

Podocarpus falcata R.Br. Journ. Arnold Arb. 9: 143-144. pl.14. N.1928. no.4.

Journ. Econ. Entom. (Geneva, N.Y.)

McLean, H.C. & Weber, A.L.

Influence of spray practices on arsenical residues. Journ. Econ. Entom. 21: 921-928. D.1928. no.6.

Journ. For. (Wash., D.C.)

Barton, L.V.

Hastening the germination of southern pine seeds Journ. For. 26: 774-785. illus. O.1928. no.6.

Journ. Landw. (Berlin)

Bär, K.

Untersuchungen an rot- und schafschwingel (cont.) Journ. Landw. 76: 255-284. N. 1928. no.3.

Hiesch, P.

Versuche zur deutung von sorteneigenschaften des hafers auf grund anatomischer befunde. Journ. Landw. 76: 217-253. illus. N.1928. no.3.

Journ. Washington Acad. Sci.

Bartram, E.B.

Mosses of western Mexico collected by Mrs. Ynes Mexia. Journ. Washington Acad. Sci. 18: 577-582. illus. D.19, 1928. no.21.

Merceyopsis mexicana, Isopterygium dimunitivum, sp.nov.

Berry, E.W.

An Alethopteris from the carboniferous of Peru. Journ. Washington Acad. Sci. 18: 586-588. illus. D.19,1928. no.21.

Maxon, W.R.

The identification of Polypodium triangulum L. Journ. Washington Acad.Sci. 18: 582-586. illus. D.19, 1928. no.21.

Polystichum triangulum (L.) Fée.

Malayan Agr. Journ. (Kuala Lumpur)
Georgi, C.D.V. & Teik, G.L.
Oil from Aleurites montana. Malayan Agr. Journ. 16: 296-298. Ag.1928. no.8.

Matieres Grass. (Paris)
Pieraerts, J., Ipatieff, N. & Simar, E.
Contribution a l'étude chimique des Malvales II. (cont.) Une bombacée intéressante: le Pachira aquatica Aubl. Sa signification a titre d'oléagineux. Matieres Grass. 20: 8335-8337. N.15, 1928. no.247.

Missouri Bot. Gard. Bull. (St.Louis)
American botanical gardens and English poetry. Missouri Bot. Gard. Bull. 16: 115-122. pl.36. N.1928.

Moller's Deut. Gartn.-Zeit. (Erfurt)
Tischer, A.
Glottiphyllum haagei, Tisch. spec. nov. Mollers Deut. Gartn.Zeit. 43: 394-395. illus. N.21, 1928. no.33.

Nachrichtenbl. Deut. Pflanzenschutzd. (Berlin)
Gleisberg, W.
Neuorientierung in der praktischen bekampfung des amerikanischen stachelbeermehltaus. Nachrichtenbl. Deut. Pflanzenschutzd. 8: 111-113. D.1928. no.12.

Nature Mag. (Wash.,D.C.)
Franklin, F.F.
Fungi and the forests. Nature Mag. 13: 40-43. illus. Ja.1929 (Rec'd D.1928) no.1.

Naturwissenschaften (Berlin)
Rubner, M.
Ueber die physiologische bedeutung wichtiger bestandteile der vegetabilien mit besonderer berucksichtigung des lignins. Naturwissenschaften. 16: 1011-1019. N.30,1928. no.48.

Nederl. Kruidk. Arch. (Amsterdam)
Florschutz, F.
Fossile Azolla in Nederland. Nederl. Kruidk. Arch. 1928: 75-80. O.1928.

Nederl. Kruidk. Arch. (cont.)

Koopmans-Forstmann, D. & Koopmans, A.N.
Bijdrage tot de kennis van de flora van Friesland. Nederl. Kruidk. Arch. 28: 59-74. O.1928. no.1.

Soest, J.L. van.
Flora van Arnhem. VI. Nederl. Kruidk. Arch. 1928: 3-25. O.1928. no.1.

Steenis, C.G.G.J. van.
Over de phaneragamen en vaatcryptogamen voorkomende op knotwilgen in Nederland. 2. stuk. Nederl. Kruidk. Arch. 1928: 52-58. O.1928. no.1.

Uitten, H. & Heijl, W.M.
Salvia-bastaarden I. Nederl. Kruidk. Arch. 1928: 34-48. illus. O.1928.

New Phytol. (London)

Brooks, F.T.
Observations on Rhynchosporium secalis (Oud.) Davis, leaf blotch of barley and rye. New Phytol. 27: 215-219. illus., pl.v. N.1928. no.4.

Cook, W.R.I.
The inter-relationships of the archimycetes. New Phytol. 27: 230-260. illus., pl.vi-viii. N.1928. no.4.

Saunders, E.R.
Illustrations of carpel polymorphism III. New Phytol. 27: 197-214. illus., pl.iv. N. 1928. no.4.

Obst- u. Gemuseb.(Berlin)

Gleisberg, W.
Wurzelkropf an himbeeren. Obst. u. Gemuseb. 74: 163-164. illus. N.21, 1928. no. 11.

Heydemann, F.
Zur bekampfung der Moniliakrankheit an sauerkirschen. Obst. u. Gemuseb. 74: 170-171. N.21, 1928. no.11.

Oesterr. Bot. Zeitschr. (Wien)

Klein, G.
Der mikrochemische nachweis der alkaloide in der pflanze VIII-IX. Oesterr. Bot. Zeitschr. 77: 241-250, 251-270. illus. N.1928. no.4.
VIII. Der nachweis von ricinin. IX. Nachweis der Cinchona-alkaloide (Chinin, chinidin, cinchonin und cinchonidin)
Herma Bartosch joint author VIII.
August Schilhab joint author IX.

Rosenkranz, F.
Die esche (Fraxinus excelsior) auf den bergen des Wienerwaldes. Oesterr. Bot. Zeitschr. 77: 280-284. N.1928. no.4.

Schnarf, K.
Ueber das embryosackhaustorium bei Anthericum. Oesterr. Bot. Zeitschr. 77: 287-291. illus. N.1928. no.4.

Tischler, G.
Ueber die cytologischen phanomene bei der gonensterilitat der angiospermen. Oesterr. Bot. Zeitschr. 77: 292-306. N.1928. no.4.

Wagner, R.
Ein altertumlicher charakter der Cladrastis lutea (Mchx. fil.) Koch. Oesterr. Bot. Zeitschr. 77: 285-286. N.1928. no.4.

Wasicky, R. & Krach, S.
Zur verbreitung der urease im pflanzenreiche. Oesterr. Bot. Zeitschr. 77: 271-279. N.1928. no.4.

Orchid Rev. (Richmond, England)

Arnold, R.E.
Restrepia antennifera. Orchid Rev. 36: 359. D.1928. no.426.

Copper, E.
Spathoglottis species and hybrids. Orchid Rev. 36: 356-359. D.1928. no.426.

Purdom, M.A.
Brassavola nodosa. Orchid Rev. 36: 355-356. illus. D.1928. no.426.

Park & Cemetery.

Fremd, C.

Saving the oaks and beeches. Descriptive of a new oak disease and methods of treating it. Park & Cemetery. 38: 278-279. illus. D.1928. no.10.

Disease called "crown collar canker". Organism not given.

Philipp. Agr. (Los Banos)

Mercado, T.

A report on the asexual inheritance of "many-eyed" character of sugar cane. Philipp. Agr. 17: 277-285. illus. N.1928. no.6.

Palo, M.A.

A Fusarium causing bulb rot of onion in the Philippines. Philipp. Agr. 17: 301-316. illus., 4 pl. N.1928. no.6.

Fungus similar to Fusarium zonatum forma 1 and considered by the writer as belonging to this variety.

Plant. & Sugar Manuf. (New Orleans)

Earle, F.S.

Sugar cane varieties in Cuba (cont.) Plant. & Sugar Manuf. 81: 443-445, 462-464. D.8,15, 1928. no.23,24.

Prakt. Blatt. Pflanzenb. u. Pflanzensch. (Freising)

Becker, K.E.

Beobachtungen bei der bestimmung der triebkraft in zinkkasten. Prakt. Blatt. Pflanzenb. u. Pflanzensch. 6: 181-188. illus. N.1928. no. 8.

Proc. Oklahoma Acad. Sci.

Draper, P.

A demonstration of the technique of pollen analysis. Proc. Oklahoma Acad. Sci. 8: 63-64. Je.1928 (Rec'd D.)

Featherly, H.I.

Grasses of Oklahoma. Proc. Oklahoma Acad. Sce. 8: 34-37. Je.1928 (Rec'd D.)

Proc. Oklahoma Acad. Sci. (cont.)

Gould, L.
Notes on the phenology of middle western spring flowers. Proc. Oklahoma Acad. Sci. 8: 59-62. Je.1928 (Rec'd D.)

Griffee, F. & Fairchild, J.A.
A preliminary note on inheritance in cotton. Proc. Oklahoma Acad. Sci. 8: 65-69. Je.1928 (Rec'd D.)

Neville, O.
Mosses of Tulsa and Osage counties. Proc. Oklahoma Acad. Sci. 8: 38-41. Je.1928 (Rec'd D.)

Ortenburger, A.I.
Plant collections representative of some typical communities of eastern Oklahoma. Proc. Oklahoma Acad.Sci. 8: 53-55. pl. viii-xiii. Je.1928 (Rec'd D.)

Ortenburger, A.I.
Plant collections representative of some typical communities of western Oklahoma. Proc.Oklahoma Acad. Sci. 8: 49-52. pl. i-vii. Je.1928 (Rec'd D.)

Sears, P.B.
Natural vegetation in relation to the mound builders and later Indians. Proc. Oklahoma Acad. Sci. 8: 12-15. Je.1928 (Rec'd D.)
"Conclusions reached in this paper are due to the work done by two students... Miss Anna Shephard ... and Miss Mabel E. Bridges."

Tate, R.C.
Some observations on the spread of mesquite to the north in Cimarron County, Oklahoma. Proc. Oklahoma Acad. Sci. 8: 58. Je.1928 (Rec'd D.)

Wolfe, B.F.
Preliminary report on native Oklahoma plants suitable for ornamental planting. Proc. Oklahoma Acad. Sci. 8: 42-48. Je.1928 (Rec'd D.)

Protoplasma. (Leipzig)

Brooks, S.C. & Gelfan, S.
Bioelectric potentials in Nitella. Proto-Plasma. 5: 86-96. O.1928.

Protoplasma. (cont.)

Hammett, F. S.
Studies in the biology of metals III. The localization of lead within the cell of the growing root. Protoplasma. 5: 135-141. illus. O.1928. no.1.

Schaede, R.
Ueber das verhalten des nucleolus während der kernteilung. Protoplasma. 5: 41-54. pl.2. O.1928. no. 1.

Umrath, K.
Elektrische potentiale pflanzlicher gewebe. Protoplasma. 4: 539-546. S.1928. no.4.

Rapp. Fonct. Inst. Rech. Agron. France.

France. Min. de l'agriculture - Institut des recherches agronomiques.
Pathologie végétale. In Rapp. Fonct. Inst. Rech. Agron. France. 1927: 185-202. 1928.

Rev. de Agr. (Piracicaba)

Bitancourt, A.A.
As feridas de granizo no algodoeiro. Rev. de Agr. (Piracicaba) 3(5/6): 9-13. illus. My./Je. 1928.

Bitancourt, A.A.
Sobre os pseudo-protozoarios dos tecidos da canna atacada de mosaico. Rev. de Agr. (Piracicaba) 3(1/2): 37-53. illus., 3 pl. Ja./F.1928.
This is reissue with corrections of article in v.2, no.2/3, 1928.

Pinto Cesar, H.
A influencia do "cavallo" sobre a gommose da laranjeira. Rev. de Agr. (Piracicaba) 3(9/10): 39-41. S./O.1927.

Toledo Piza, S.de., jr.
Historia dos chromosomios na mitose somatica do alho. Rev. de Agr. (Piracicaba) 3(9/10): 17-20. illus., pl. S./O.1928.

Rev. Agr. Ile Maurice (Maurice)
Orian, G.
Le "pokkah-bong" de la canna à sucre. Rev. Agr. Ile Maurice. 41: 208-213. S./O.1928.

Rev. Fac. Agron. Univ. La Plata.
Albizzati, C.M.
Nota sobre la composición quimica del germen de "Triticum saticum L." y su derivados. Rev. Fac. Agron. Univ. La Plata. 18: 48-57. illus. Jl. 1928. no. 1.

Marchionatto, J. B.
Fitoparásitos de la Argentina nuevos o poco conocidos II. Rex. Fac. Agron. Univ. La Plata. 18: 21-29. illus. Jl.1928. no. 1.

Molfino, J. F.
Nota sinonimica de la "Artemisia vulgaris" de los autores argentinos, Rev. Fac. Agron. Univ. La Plata. 18: 44-47. illus. Jl.1928. no. 1.

Rev. Gén. Bot. (Paris)
Douin, C.
La disposition des feuilles sur la tige des mousses. Rev. Gén. Bot. 40: 641-653. illus. N. 1928. no.479.

Genevois, L.
Sur la fermentation et sur la respiration chez les végétaux chlorophylliens. Rev. Gén. Bot. 40: 654-674. N.1928.

Guilliermond, A.
Recherches sur quelques ascomycètes inférieurs isolés de la stigmatomycose des graines de cotonnier. Essai sur la phylogénie des ascomycètes. (concl.) Rev. Gén. Bot. 40: 690-699. N.1928. no.479.

Lubimenko, V.N. & Szeglova, Mlle. O.A.
L'adaptation photopériodique des plantes. (cont.) Rev. Gén. Bot. 40: 675-689. N.1928. no.479.

Rev. Hort. (Paris)
Barbier, R.
Choix et emploi des plus belles variétés de genêts. Rev. Hort. 100: 280. col.pl. N.16, 1928. no.11.

Science. (Lancaster, Pa.)

Eyster, W.H.

Protochlorophyll. Science. 68: 569-570. D.7,1928. no.1771.

Protochlorophyll is a pigment which develops without the influence of light and changes photochemically into chlorophyll upon exposure to light.

Knight, H.

A micro-technique for observing oil penetration in citrus leaves after spraying. Science. 68: 572. D.7, 1928.

Sitzungsb. Akad. Wiss. Wien. Math.-Naturw Kl. Abt.I.

Blabensteiner, W.

Ueber die verwendung des aschenbildes fur die bestimmung pharmakognostisch benützter rinden. Sitzungsb. Akad. Wiss. Wien. Math.-Naturw. Kl. Abt.I. 127: 1-16. pl. i-ii. 1928. no.1/2.

Czapla, K.

Aschenbilder technisch wertvoller rinden. Sitzungsb. Akad. Wiss. Wien. Math.-Naturw. Kl. Abt.I. 137: 17-43. pl. 1928. no.1/2.

Fritsch, K.

Beobachtungen über blütenbesuchende insekten in Steiermark, 1907. Sitzungsb. Akad. Wiss. Wien. Math.-Naturw. Kl. Abt.I, 137: 227-241. 1928. no.1/2.

So. African Sugar Journ.

Dodds, H.H.

Notes on sugar cane variety selection work. South Afr. Sugar Journ. 12: 627-629. O.1928. no.10.

Succulenta (Leeuwarden)

Tischer, A.

De bilobe vormen van Conophytum. Succulenta. 10: 213-215. D.1928. no.12.

Tea Quart. Tea Res. Inst. Ceylon.

Gadd, C.H.

A new view of the causation of Diplodia disease. Tea Quart. Tea Res. Inst. Ceylon. 1: 89-93. pl. viii-ix. N.1928. no.4.

Botryodiplodia theobromae.

Tea Quart. Tea Res. Inst. Ceylon. (cont.)
Petch, T.
Notes on root diseases. Tea Quart. Tea Res. Inst. Ceylon. 1: 104-106. N.1928. no.4.

Techn. Rep. Dept. Agr. Ceylon.
Ceylon, Dept. of agriculture.
Reports on diseases of plants in Ceylon during 1927. Its Techn. Rep. 1927. no.1. 11 p. Ag. 1928.
Includes Report of mycological div. (W.Small, mycologist) & Reports from the plant pest inspectors.

Trans. Roy. Canad. Inst.
Adams, J.
A bibliography of Canadian plant geography to the end of the year 1920. Trans. Roy.Canad. Inst. 16: 293-355. Jl.1928. no.2.

U.S. Dept. Agr. Circ.
Morrison, B.Y.
The yellow day lilies. U.S. Dept. Agr. Circ. 42. 13 p. illus. N.1928.
Hemerocallis sp.

U.S. Dept. Agr. Techn.Bull.
Marsh, C.D., Clawson, A.B. & Roe, G.C.
Four species of range plants not poisonous to livestock. U.S. Dept. Agr. Techn. Bull. 93. 9 p. N.1928.
Wyethia amplexicaulis, Apocynum ambigens, Malva parviflora, Symphoricarpos vaccinioides.

Vict. Nat. (Melbourne)
Nicholls, W.H.
Notes on two species of Sarcochilus. Vict. Nat. 45: 196-200. N.1928. no.7.
Sarcochilus falcatus, S.parviflorus.

Wisconsin Hort. (Madison)
Chambers, E.L.
Our maples are worth saving. Wisconsin Hort. 19: 122-124. illus. D.1928. no.4.

Yedeoth (Proc.Agr. Exp. Stat. Zionist Organ)

Bodenheimer, F.S.
Report on the investigation of the nematodes on the bananas in Egypt. Yedeoth (Proc. Agr. Exp. Stat. Zionist Organ) 7/8: 256-260. D. 1927 (Rec'd D.1928)
Text in Hebrew; English summary: p.353-354.

Katzprowsky, S.
Decay of onions and its control. Yedeoth (Proc. Agr. Exp. Stat. Zionist Organ) 7/8: 260-268. illus. D.1927 (Rec'd D.1928)
Text in Hebrew; English summary: p.352-353.

Reichert, I.
Downy mildew (Plasmopara viticola) of the vine in Palestine. Yedeoth (Proc. Agr. Exp. Stat. Zionist Organ). 7/8: 302-322. illus. D.1927. (Rec'd D.1928)
Article in Hebrew; English summary: p.347-348.

Exper. Stat. Publ.

Breazeale, J.F.
Soil zeolites and plant growth. Arizona Agr. Exp. Stat. Techn.Bull. 21: 499-520. illus. Je. 1928.

Brown, J.G. & Streets, R.B.
Sulphuric acid spray: a practical means for the control of weeds. Arizona Agr. Exp. Stat. Bull. 128: 299-316. illus. Jl.1928.

Biekart, H.M.
Hyacinths for garden and home. New Jersey Agr. Exp. Stat. Circ. 203. 23 p. illus. S.1928.

Cathcart, C.S. & Willis, R.L.
Analyses of materials sold as insecticides and fungicides during 1928. New Jersey Agr. Exp. Stat. Bull.478. 14 p. O.1928.

Taubenhaus, J.J. & Dana, B.F.
The influence of moisture and temperature on cotton root rot. Texas Agr. Exp. Stat. Bull. 386. 23 p. O.1928.

New Books.

Európai gyógynövényérdekeltségek. II. nemzetközi kongresszusa (2d international congress of the European medicinal herb interest) [Papers presented] Budapest, 1928.
Abstracts of papers in Hungarian, German, French, Italian and English.

Fairchild, D.
The Barbour Lathrop plant introduction garden, by David Fairchild. Washington, D.C., 1928.

Lind, J.
The micromycetes of Svalbard. Oslo, J. Dybwad, 1928.

McCarthy, L.
Provisions in the noxious weed laws of other states making them applicable to public lands. [Madison], Legislative reference library, 1928.

Mulford, F.L.
Plants for seaside conditions. [Washington, 1928].
Mimeographed.

Neville, S.J.
The development of the hilum of Salvia. [Ottawa, n.d.]

Tripolitova, T.K.
... Contributions to a flora of economic plants of Altai and Tomsk gouvernments. Tomsk, 1928.
Russian.
Pt. 2 Algae.

Reprints from Journals not yet rec'd or not available.

Stell, F.
Witch-broom disease of cacao and its control. Reprinted from Bull. Dept. Agr. Trinidad & Tobago. 21. 19 p. 1928. no.3.

Esdorn, I.
Der einfluss der lagerung auf die keimfahigkeit der gelben lupine. Reprinted from Fortschr. Landw. 3: 1-22. 1928.

Reprints. (cont.)

Bredemann, G. & Fabian, H.
Der einfluss der ernährung auf den fasergehalt und der faserbeschaffenheit von bastfaserpflanzen (flachs und nessel) Reprinted from Fortschr. Landw. 3: 1-6. 1928.

Correction.

In list v.10, no.24, under Bolezni Rast.
Under the following authors the vol. number should read 17 instead of 16.

Balakhonov, P.I.
Buchheim, A.
Kanchaveli, L.
Kliushnikova, E.S.
Naumov, N.A. (1st entry)
Teterevinikova-Babajan, D.
Vanin, S.I.